Hardware Student – Surface team

Location: Herzeliya

This Job is eligible for the following work arrangements: Part-Time

Surface Israel is looking for talented electrical engineer intern for the system engineering group. Surface Israel team is developing custom technology solution for Microsoft’s Surface products. The system group is leading the development of the solutions which include mixed signal ICs, signal and image processing algorithms, physical modeling, electro-mechanical design. The job provides an incredible opportunity to be part of a team which changes the way we interact with computers.

Requirements:

- M.Sc. student in Electrical engineering or Computer engineering from an accredited university. Average grade over 80
- Availability of at least 20-25 hours per week. Flexible to work over time when required.
- Excellent written and verbal communication skills.
- Talented, motivated and good interpersonal skills.
- Strong analytical and problem solving skills.
- Self-learner with ability to learn quickly.

*** We greatly encourage and welcome qualified candidates who happen to have disabilities to apply for jobs in our company

To apply please click here
Software Engineer student- Recommendation team

Location: Herzeliya

Interactive Entertainment Business (IEB) has a broad mission to “re-invent entertainment, led from the living room, powered by the cloud, across multiple screens and best experienced on our devices”.

IEB has a rich set of assets with Xbox, Xbox Live, Kinect, Zune Marketplace, etc. with a highly active and engaged customer base. Using modern high-scale distributed systems and analytics to create a data driven feedback loop that encompasses customers, product designers, content creators and the marketplace that informs design and delivers rich contextual personalization is critical for IEB.

The Entertainment Services group has the mission to provide the platform and tools that enable deep insight into our customers’ preferences to improve adoption, usage and satisfaction.

The Xbox Recommendation Service team in Israel is a fast growing team that is responsible for designing, building and delivering the recommendations and personalization solution for IEB (including Xbox, Windows 8, Kinect, and the future TV solution).

If you are passionate about software, data mining, data analysis, statistics, A/B experimentations etc. we are offering a unique and great opportunity for talented people, to help us build the best recommendation system in the world.

Responsibilities include data mining of large datasets using map-reduce technologies, using statistical methods to find patterns in data, coming up with hypothesis and using data to validate them, and being part of a fast moving and growing development team.

Requirements:

- Computer Science degree (5th semester and up) - M.Sc. is preferred
- GPA 85 and above
- At least one year experience in data mining/data analysis methodologies
- At least one year experience in writing code - C# or Java experience is preferred
- Team player, confident and enthusiastic
- Knowledge with web technologies / protocols - an advantage

To apply please click here
Software Engineer student- Aorato

Location: Herzeliya

This Job is eligible for the following work arrangements: Part-Time

Aorato team in Israel (Acquired by Microsoft) is an innovator in enterprise security.

Aorato will give customers a new level of protection against threats through better visibility into their identity infrastructure.

With Aorato we will accelerate our ability to give customers powerful identity and cyber-security solutions that span on-premises and the cloud, which is central to our overall hybrid cloud strategy.

Aorato’s sophisticated technology learns entities’ behavior by building organizational security interaction graph and analyzes it using machine learning, to detect suspicious activities of users, devices and resources on a company’s network.

Soo, if you are SUPER talented and you want to be part of a SUPER talented team, building an AMAZING product using the NEWEST technologies -> ping us.

Requirements:

- Student for B.Sc./M.Sc. degree in a technical discipline
- must be 4th semester or above, study towards, computer Science degree (5th semester and up).
- GPA above 90.
- 1+ years of experience in software development - C# experience preferred
- Ability to work 3-4 days a week
- Team player, confident, independent and enthusiastic!

To apply please click here
Data Science (Deep Learning) Student – ILDC Incubations

Location: Herzeliya

The Incubation team at Microsoft’s Israel Development Center, is a start-up spirited engineering team aimed at the future bets of Microsoft and of ILDC. The team is missioned with incepting and incubating new, innovative and disruptive offerings that will be at Microsoft’s forefront in the Artificial Intelligence era.

As an agile innovation team, our domain discipline shifts between different high impact areas in every iteration and enables a unique experience to learn and grow while making a significant contribution. Every individual in our team gets a chance to impact every aspect of the product - from user experience and UI design to Algorithmic and ML capabilities; via own contributions and by working closely with peer Product Groups and Microsoft researchers on cutting edge problems and by tackling core engineering challenges.

Qualifications:

• Student for M.Sc. or PhD degree in a computer science/mathematics or similar engineering disciplines

• Meaningful and proven hands on experience with any of: Microsoft Cognitive Toolkit, TensorFlow, Caffe, MXNet, Theano or other known DL Open Source libraries

• Experience with curating and handling audio and/or video data

• Profound control of R and python

• Excellent English and Hebrew communication skills

• Must think strategically as well as breakdown complex problems

• Expected to act with independent judgment and to be self-initiative

• Cloud computing related experience is an advantage

To apply please click here
Research Software Engineer Student – Cortana

Location: Herzeliya

Our Team develops algorithms for personalizing Cortana – Microsoft’s personal assistant, empowering experiences for productivity and leisure for millions of users around the world.

If you an experienced programmer with a passion for working with data, including data mining, statistics and machine learning - this is the right place for you.

As a research developer, you will be an integral part of the research team working on exciting and difficult problems in the area of user understanding as well as constructing the infrastructure on which Cortana will run.

Also, you will be analyzing real user data and signals to help improve Cortana.

Requirements:

- B.Sc, M.Sc or Ph.D Computer Science/Engineering student with B.Sc GPA: 85+
- 1+ years of experience in writing object oriented software.
- Passion for quality and building Internet scale systems
- Willingness and ability to do research along with software development
- Strong learning capabilities, can quickly ramp-up on new technologies
- Passion for learning new technologies
- Knowledge or experience with statistics / data mining / machine learning - an advantage

To apply please click here
Software Engineer - Windows Cyber Defense

Location: Herzeliya/Haifa

Windows Defender Advanced Threat Protection is a new service that helps our enterprise customers to detect, investigate, and respond to advanced and specifically targeted at their networks attacks.

Building on the existing pre-breach security defenses in Windows 10, we - Windows Cyber Defense team, are building a new enterprise product, Windows Defender Advanced Threat Protection, which provides a post-breach layer of protection, including detection, remediation and investigation of the attack.

We use state of the art technologies like Public and Private Cloud services, Big Data and Machine Learning to provide ongoing high level of protection for our customers. Our team is responsible for every aspect of the new Windows Defender ATP Service, like Windows 10 embedded optics, Cloud Services, Data Analytics and Security Research. We work in a very agile environment, react and proactively address evolving security threats and collaborate closely with our top strategic customers.

Requirements:

- 1-3 years of software development experience
- Team player, confident and enthusiastic
- B.Sc./M.Sc. in Computer Science (or equivalent)
- Highly hands-on
- Autodidactic abilities to ramp up quickly on new technologies

Knowledge in one of the following is an advantage:

- Experience in .NET/C#
- Experience with public cloud and BigData technologies
- Experience in the cyber security domain

Come join us and protect billions of users all around the globe!

To apply please click here
Client Software Engineer Student – Windows Cyber Defense Group

Location: Haifa

At the Windows Cyber Defense Group which is a newly formed team in the Israel R&D center, our mission is to provide protection and defense for Windows’ hundreds of millions of users against malicious attacks and cybercrime. As cyber-attacks are becoming highly sophisticated, easily evading traditional defenses like signature based anti-virus software, and making enterprises more vulnerable, our team is tasked with pushing Microsoft’s protection offering into the next stage - identify and block cyber-attacks in real-time, research threats and provide the tools and systems needed for protecting the enterprise. We use state of the art technologies like Big Data and Cloud based solutions to develop, research and run our services and to provide the ongoing protection our clients expect.

For building our next generation client, we are looking for C++ developer interns which are passionate to learn and develop windows services.

Here you will learn to develop software in windows kernel and user mode programming, for building devices driver or client side applications.

We are looking for students with good technical skills that are self-driven and can balance drive for results, team-work and the ability to quickly learn and pick up new technologies & applications.

If you are passionate about developing for windows in a top notch development team, excited about security and fighting cybercrime, interested in solving complex problems in large scale systems and able to learn and then demonstrate deep understanding of Windows inner workings, come join us - together we can make an impact!

Requirements:

• Students in the 5th semester or higher who study for SW engineering or Computer Science
• Average grade of 80 and higher
• Good operating systems knowledge and understanding
• Good C/C++ knowledge

To apply please click here
Service Engineer Student - WDATP

Location: Haifa/Herzeliya

Are you interested in working for one of the most exciting teams in Microsoft? Then look no further than the Windows Defender Advanced Threat Protection Service Engineering team.

You will be building solutions that leverage state of the art technologies to deliver holistic protection to a user base of thousands of enterprises and businesses around the globe.

The Windows Defender Advanced Threat Protection team is responsible for delivering a constantly evolving set of services and solutions to meet the challenging landscape of our ever-evolving attackers.

The Services Engineering team provides leadership, direction and accountability for application architecture, system design, and end to end implementation.

You will independently determine and develop architectural approaches and solutions, conduct business reviews, and operate our production services.

Requirements:

- 1+ years of experience in Service Engineering/Software Engineering roles;
- 1+ years of coding/testing experience Strong analytical and problem solving and organizational skills
- Ability to deal with the ambiguity associated with working in a fast-paced and changing environment.
- Leadership skills: Sound problem resolution, judgment, negotiating and decision making skills.
- Feedback/Metrics collection techniques to expose live site/service issues.

Preferred Qualifications:

- C#, or .Net development experience
- Powershell scripting automation ability
- Develop test plans/cases, conditions and scenarios in support of ongoing applications and infrastructure.
- Demonstrated solid working knowledge on cloud computing / Azure/ AAD
- Familiar with Agile/Scrum/Lean Methodology
Drive increased efficiencies through automation you author. Constantly focus on how to enable the business and increase agility. Provide deep technical insight and hands on help to drive issues to root cause and resolution to live site.

- Proven experience dealing with large scale data architecture, operational architecture and or network Architecture.
- Proven experience creating distributed systems tools of moderate to high complexity.

To apply please click here.
Research Engineer Student- MSTIC-IL

Location: Haifa

The Microsoft Threat Intelligence Center (MSTIC) is looking for Research Engineer Intern to join the newly formed MSTIC-IL team. The Threat Intelligence Center is focused on building cutting edge solutions, countering adversary-based threats to Microsoft and its customers through dissemination of threat intelligence, proactive hunting, incident response, and the development of new solutions and methods to detect adversary activity, investigate and respond to the attacks.

Are you interested in discovering and tracking emerging threats, and using that information to protect Microsoft and its customers? Do you want to be part of the team that provides security analysis services for products such as Office 365’s Exchange Online Advanced Threat Protection? Do you like reversing? We’ll give you threats to analyze. Love coding? There’s plenty to write. Are you a data buff? This place is for you! Come join us at Microsoft Threat Intelligence Center IL in Cloud and Enterprise (C&E) Security!

**The Research Engineer Student will:**
- Research the advanced threat / exploitation landscape
- Provide in-depth / FP / FN analysis for Office 365 Advanced Threat Protection service
- Implement rich security analysis and production quality detection capabilities in the cloud

**Requirements:**
- M.Sc. / Ph.D. student in Computer Science or Mathematics
- B.Sc. student in Computer Science with relevant knowledge and experience in exploit/threat detection technologies
- Strong problem solving skills and technical judgment
- Knowledge in security and exploit/threat detection technologies, analysis and reverse engineering- Advantage
- Strong programming skills and understanding of data structures/algorithms- Advantage
- Experience in supervised machine-learning- Advantage
- Experience in Object Oriented Programming- Advantage

[To apply please click here]
SDE Student - MSR Advanced Technology Labs

Location: Herzeliya

MSR Advanced Technology Labs (ATL) ATL Israel Labs is part of Microsoft Technology & Research and is focused on delivering Natural User Interface (NUI) enabling technologies based on vision Sensors.

It is our mission to lead end-to-end technologies and tools, from signal processing to new services & experiences in the area of vision-based NUI to enable and leverage NUI and NUI experiences across Microsoft devices and services.

The labs consist of a group of versatile software engineers and researchers that their daily routine ranges from fast prototyping to build ready-to-ship code. From inventing new technology to empowering strategic business units.

We are looking for an agile code ninja, hard-core developer who is passionate about the state of the art technologies, a fast adapter and an early adopter to be part of the team.

If you are passionate about software engineering, willing to work in an innovative and challenging environment and want to be part of a SWAT team of brilliant engineers then our team is the place for you. Responsibilities include design and development of new code & tools that implement and showcase futuristic NUI based scenarios in a unique development setting.

Requirements:

- Student for B.Sc. and/or M.Sc. in Computer Science who has software background
- GPA 85 and above Proven engineering and C# coding experience
- Ability to work independently
- Abilities to ramp up quickly on new technologies
- Good people skills and collaboration
- Excellent written and oral communication skills
- Knowledge in one of the following is an advantage: WFP and Azure

To apply please click here
Data Scientist student- OSG Recommendation

Location: Herzelaya

The recommendation team in Israel is a fast-growing team responsible for designing and building recommendation algorithms for a wide array of Microsoft products such as Xbox Games, Xbox Movies, Groove Music, Windows Store, Windows Phone, and much more. We develop cutting edge machine learning algorithms that serve tens of millions of users around the globe.

We are looking for a data scientist intern to join one of the best machine learning groups in the country. Responsibilities include: Working with world class machine learning researchers and data scientists. Help developing real-world machine learning algorithms serving millions of users worldwide. Developing recommender systems for Windows Apps, Phone Apps, Xbox games, movies and music. Working with big data. Statistical analysis of data. Extracting insights from data. Data manipulations (filtering, data transformations, etc.).

Requirements:

- PhD. or MSc. Student preferably in Computer Science, Electrical Engineering or a related field.
- Excellent coding skills. C# or Java is a plus.
- Hands on experience working with large data sets.
- Familiarity with machine learning or data mining algorithms.
- Familiarity with statistics.
- Ability to work 3 days a week.
- At least 1 year remaining before final graduation.
- Passionate about big-data.

To apply please click here
Analog Student- Surface

Location: Herzeliya

Surface Israel is looking for talented electrical engineer intern for the system engineering group.

Surface Israel team is developing custom technology solution for Microsoft’s Surface products.

The system group is leading the development of the solutions which include mixed signal ICs, signal and image processing algorithms, physical modeling, electro-mechanical design.

The job provides an incredible opportunity to be part of a team which changes the way we interact with computers.

Microsoft Surface Analog Team is looking for an Analog Student with The following requirements:

- 4th year student for BSc in Electrical Engineering. MSc. Is an advantage
- Average Grades of 85 and above
- Knowledge in Analog/Circuit VLSI
- At least 2 working days in a week

Good Knowledge in one or more of the following:

1. Analog and circuit design: Amplifiers, voltage regulators, comparators.
4. Signal processing: ADC, DAC, Active Filters.

Advantage: Low power design / Low noise circuit design

Working environment: Spectre, Spice.

Other Advantages: Matlab, Perl.

To apply please click here
Software Engineer - Azure Cyber center

Location: Herzeliya

Our mission is to develop the next generation security solutions that will protect our customers and their assets. This requires that the needed security controls be configured and continuously monitored. And even with the best security in place, attackers will continue to innovate – targeting organizations with increasingly sophisticated attacks.

We are building a cutting edge hybrid data center threat detection and investigation product that gives customers visibility and control without impeding agility and helps them stay ahead of cyber threats as they evolve. You will join the group that is responsible for advanced threat detection. You will build a platform to harness machine learning, behavioral profiling, and advanced security analytics to detect emerging threats and advanced attacks by developing a hyper-scale service both for cloud and on-premise.

We are looking for a software engineer who is passionate about solving complex real-world problems by applying engineering skills to big data and to security.

The ideal candidate will have:

• BSc degree or higher in Computer Science or related field or an equivalent technical education.

• 1-3 years of commercial software development experience using C#, Java or C++.

• Software engineering and experience in testing, deploying and supporting large scale services on Azure, AWS or similar environments – advantage.

• Knowledge of security, data science and/or machine learning - advantage.

What will you be doing:

• Building full stack product features and scenarios to detect security attacks on the modern data center.

• Design and implement high scale, distributed, multi-region solutions.

To apply please click here
مشרתו במרץ המתחו והפינה
של מייקלוסוף בישראל

What will you do?
Research Engineer Student- Secure Islands

Location: Herzeliya

We are the Cloud and Enterprise Information Protection Group, IL team, which is based on the newly acquired start-up Secure Islands.

Our mission: To provide protection for the sensitive data of our customers. Among those are organizations which hold highly sensitive and targeted data.

Our focus is classifying organization data using various techniques and technologies, then encrypt and provide access and right management for data identified as sensitive, using our Azure RMS cloud based encryption service.


We’re looking for an RSE to lead developing and prototyping content classification technologies to improve our classification engine.

in the role, you’ll need to learn, POC and innovate on content classifiers based upon various NLP and machine learning technique existing in research and in Microsoft.

We are seeking for top-notch talent who are passionate about creating real life Software solutions based on NLP and machine learning constructs.

Requirements:

- M.Sc. / Ph.D. student in Computer Science or Mathematics Industry
- experience in supervised machine-learning Industry experience in Object Oriented Programming in one of the following languages: C/C++/Java/C#/Python

To apply please click here
Software Engineer Student- Azure Cyber Security group

Location: Herzeliya

Do you have amazing amount of computer science and development knowledge and you want to take it to the next level? Are you passionate to create something ground up? Are you obsessed about solving hard problems in the cyber domain space?

Come and join an engineering team that is looking for talented software developers that will help in our journey and develop cutting-edge security technologies serving Microsoft’s customers and addressing one of the hottest and most challenging domain of the cyber security space.

Built on top of our advanced detection systems as well as broad range of ecosystem partners, the team is focus on building security capabilities for Azure (Cloud) customers that will help them secure their asset and streamline their security incidents investigation & remediation processes.

Being a cloud infrastructure provider, we’re in a unique position to leverage that infrastructure, technology and data to add value not possible by anyone else.

• A Computer Science student for BA, Semester 3+ (GPA 85+)
• Outstanding communication skills and collaboration capabilities
• Independent, with internal drive and self-motivated
• Self-learner with passion for technologies
• Some experience in software development

To apply please click here
Software Engineer – Aorato

Location: Herzeliya

Aorato (acquired by Microsoft) is a leader and innovator in the User and Entity Behavior Analytics (UEBA) space.

We are building Microsoft Advanced Threat Analytics (ATA) which is a platform to detect and investigate advanced attacks and insider threats by focus on how users and other entities behave.

Soooo ? if you are SUPER talented and you want to join our amazing team and build an AMAZING product using the NEWEST technologies - ping us!

Requirements:

- BSC or MSC in Computer Science or Software Engineering.
- Solid experience and passion around software engineering
- 1+ years of experience in software development - C# experience preferred.
- Knowledge in architecture and design of scalable and high performance complex distributed systems
- Experience with DBs - SQL/NoSQL
- Multithreading + async development
- Get things done, team player, confident, independent and enthusiastic!

To apply please click here
Software Engineer - Equivio

Location: Herzeliya

Equivio is the global market leader in machine learning for legal and compliance applications. At Microsoft, we’ve implemented these text analytics technologies as a cloud service, transforming the data investigation experience for compliance users in Office 365. We’re working in an incredibly interesting area combining Cloud, Big Data and Machine Learning.

We’re looking for a software engineer to help enhance the use of applied analytics in the Office 365 information protection environment.

You’d be joining a pretty unique environment – we’re a small but very strong group that’s breaking ground in one of the key growth areas for Microsoft. This is a great opportunity for people who can learn fast, like working in small teams, and enjoy the action of a rapidly changing technology/business arena.

Requirements:

BSC or MSC in Software Eng. or Computer Eng.

Experience and passion for software engineering and programming

C or C++ or C# experience – preferred (not a must)

English – good level for speaking and writing emails

Team player, confident and enthusiastic

To apply please click here
Software Engineer Student- ILDC Incubations

Location: Herzeiya

The Incubation team at Microsoft Israel Development Center, is a start-up spirited engineering team aimed at the future bets of Microsoft and of ILDC.

The team is missioned with incepting and incubating innovative and disruptive offerings that will be at Microsoft’s forefront in the Artificial Intelligence era.

As an agile innovation team, our domain discipline shifts between different high impact areas and enables a unique experience to learn and grow while making a significant contribution.

Any individual in our team gets a chance to impact every aspect of the product - from user experience and UI design to Algorithmic and ML capabilities to engineering platform and operations; via own contributions and by working closely with peer Product Groups and Microsoft researchers on cutting edge problems and by tackling core engineering challenges. We are looking for a strong front end student.

If you love Web and Mobile technologies with strong experience in modern frameworks, are versatile and willing to work at all levels of the code, like to play a PM role and talk to customers for research and feedback, and have an uncompromised passion for sleek and delightful user experiences - this is the best place for you to be.

Requirements

* Studying for B.Sc. in Computer Science or equivalent
* At least 1 year of experience with Web (HTML, JS, Bootstrap, Angular, React)
* Any mobile (objective C, Swift, Android SDK) experience is a significant advantage
* Passion for customers and simple and elegant user experiences
* Strong problem solving & coding skills
* Outstanding communication skills and comfortable in front of customers

To apply please click here
Microsoft is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, sex, sexual orientation, gender identity or expression, religion, national origin or ancestry, age, disability, marital status, pregnancy, protected veteran status, protected genetic information, political affiliation, or any other characteristics protected by local laws, regulations, or ordinances.

We encourage disabled candidates to apply for relevant positions and willing to consider flexibility and needed adaptation

All FTE positions will be required to pass the Microsoft background check upon hire.
שירות במכרז המחבר והפיזיו
של מייקרוסופט בישראל