Research student for Aorato team

Location: Herzelia

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’ behaviour by building organizational security interaction graph and analyses it using machine learning, to detect suspicious activities of users, devices and resources on a company’s network.

So if you want to be part of a great team, researching the newest attacks to create novel detection algorithms ping us!

Required skills:

- Excellent student (85 GPA) for B.Sc. /M.Sc. degree in Computer Science or a related technical discipline, 4th semester or above.
- Fluent enough in at least one programming/scripting language to independently code a working Proof of Concept (PoC) to demonstrate your ideas
- Good understanding of Networking and LAN networks
- Knowledge and love for communication protocols and their analysis
- Team player, confident, independent and enthusiastic!

Advantages:

- Knowledge in security, preferably hands-on
- Experience with network analysis using Wireshark
- Knowledge and experience in Reverse Engineering
- Knowledge in Windows Internals

To apply this position click [here](#)
Software Engineer student for Cloud Protection team

Location: Herzelia

The Protection Services team in Israel is building the next generation, cloud based services that power Microsoft’s security analysis and endpoint protection platforms. Protection Services’ mission is to build: Collection, Classification and Distribution mechanisms that provide Microsoft customers with high quality protection in a highly dynamic threat environment and at an ever increasing pace. We are looking for individuals with strong technical, innovative and development skills that are self-driven and can balance creativity and drive for results with customer focus, team-work and the ability to quickly understand and pick up new technologies & applications.

Required skills:

- Student for B.Sc./M.Sc. degree in Computer Science or a related technical discipline, 4th semester or above
- GPA 85 and above
- Experience and Passion around software engineering and code - C/C++/C# experience preferred

To apply this position click [here](https://www.microsoft.com)
Software Engineer student for Advanced Technology Labs

Location: Haifa

Advanced Technology Labs at Microsoft Research Israel is looking for researchers in the field of computer vision and machine learning. You will join a team developing state of the art algorithms for object recognition, virtual and augmented reality, gesture recognition, and more. You will get the opportunity to collaborate and publish with top researchers across Microsoft Research and transfer technologies to Microsoft products such as Xbox/Kinect.

Required skills:

- The position is intended for MSc and PhD students in Computer Science, Electrical Engineering, or Applied Mathematics with focus on computer vision and machine learning. Strong candidates from cognate fields (e.g. computer graphics and image processing) may also apply.
- Research capabilities, with strong theory/algorithm background and very good understanding on how to apply advanced knowledge to solve real problems.
- Fluency in Mat lab.
- Good programming skills (C/C++).
- Industry experience is an advantage.
- Full/Part time position: 2-3 days a week, all through the year (not summer only)

To apply this position click [here](#)
Software Engineer student for Application Insights team

Location: Herzelia

The Application Insights Dev team is looking for a great software student with passion for customers, cloud services and data technologies. Our team’s mission is to deliver the most compelling end-to-end solution for telemetry analytics for modern applications across cloud and mobile platforms. Using state of the art stream and batch processing technologies and query engines we crunch out insights from hundreds of terabytes of data per day. We’re a competitive team and therefore we are focused on exciting improvements that will delight our customers. Your job responsibilities will include mainly design and implementation of versatile software components hosted in Azure...

Required skills:

- Student for B.Sc. /M.Sc. degree in a technical discipline, B.Sc. students must be 4th semester or above, study towards, computer Science degree (5th semester and up)
- GPA 85 and above.
- Experience and passion around software engineering and code - C++/C# experience preferred.
- Team player, confident and enthusiastic.

To apply this position click here
Software Engineer student for Business Intelligence team

Location: Herzelia

In the Mobile BI team we’re developing the next generation BI solutions for mobile platforms. These will provide cool and rich new ways to analyze, visualize, and consume large amounts of data. We’re looking for smart and motivated software engineering students with an appetite for interesting software problems and with passion for building products that customers love. This job is an opportunity to work on a new and exciting service that Microsoft is betting on, be part of a vibrant team, and get proficient in the world of apps and services.

Responsibilities include:

- Design and build a fast and highly interactive data visualization stack for mobile devices.
- Take an active part in a fast moving team focused on building robust and innovative software.
- Work closely with experienced engineers and be part of an agile and fast moving development team.

Experience and qualifications:

- 2nd+ year in Computer Science or Software engineering.
- Specific knowledge and expertise in Mobile development and/or BI technologies is a plus.

To apply this position click [here](#)
Software Engineer student for Azure Cyber Security team

Location: Herzelia

The Security and Identity group in Microsoft Israel R&D Center is accountable for the development of cutting-edge security technologies and contributes to Microsoft’s major products and cloud offerings that account for $B in revenue. In cloud platform like Azure, security is a major differentiator and we own the mission of articulating the security strategy and driving the execution that maximize this potential.

Our mission is to develop the next generation security solutions that will protect our customers and their assets. This solution will be based on a smart and dynamic approach that marries between holistic and contextual paradigm and advanced capabilities built based on years of expertise in the security domain.

If you are obsessed about solving complex problems, interested in fighting cybercrime and developing state of the art security solutions - come join us and protect billions of users all around the globe!

Required skills:

- 1+ years of professional experience in cybersecurity or software development.
- Background or profound interest in cyber security is a must.
- Highly hands-on (coding, infra, end-to-end delivery).
- Experience and passion for software engineering and code - C# is an advantage.
- Knowledge in one of the following is an advantage: Azure, Cloud Computing, Virtualization, SDN, Malware Research, Penetration Testing, Networking, Windows Platform (OS) Internals.
- Autodidactic abilities to ramp up quickly on new technologies.

To apply this position click [here]
Software Engineer student for data security

Location: Haifa

Do you want to be a part of a brand new team?
Do you want to be part of small and excellent team that builds a product for millions of people?
Come and join the Data Security team and help us establish our new cloud service!

With the expedited growth of data and the popularity of our enterprise data platforms, comes a growing need to properly protect customers using our platforms to power their critical businesses and ensuring we have the most reliable and trustworthy data platforms in the world.

We are looking to address this need by concentrating the security efforts under one team, gain deep domain expertise and talent around data security and bake the needed features and knowledge. We are looking for individuals with strong leadership, technical, innovative and development skills that are self-driven and can balance creativity and drive results with customer focus, team-work and the ability to quickly understand and pick up new technologies & applications.

Required skills:

- Student for B.Sc./M.Sc. degree in Computer Science or a related technical discipline, 4th semester or above
- GPA 85 and above
- Passion around software engineering and code - C++/C# experience preferred

To apply this position click [here](#)
Software Engineer student for Azure

Location: Herzelia

We are seeking for top-notch talent with security background, who are passionate about security and cloud technologies. If you are obsessed about solving complex problems, and would like to join a team with ambitious goals that aim to protect Microsoft’s Azure customers - than we are the place for you!

The Security and Identity group accountable for the development cutting-edge security technologies and contributes to Microsoft’s major products and cloud offerings that account for $B in revenue. In cloud platform like Azure, Security is going to be a major differentiator and we own the mission of articulating the security strategy and driving the execution that maximize this potential.

Our mission is to develop the next generation security solution that will enable our customers to apply advanced security technologies in protecting their assets. This solution will be based on a smart and dynamic approach that marries between holistic and contextual paradigm and advanced capabilities built based on years of expertise in the security domain.

Required skills:

- Student for B.Sc./M.Sc. degree in Computer Science or a related technical discipline, 4th semester or above
- GPA 85 and above
- Experience and Passion around software engineering and code - C/C++/C# experience preferred

To apply this position click [here](#)
Software Engineer for Kusto team

Location: Herzelia

Have you ever wanted to take part in building a big data search and analytics engine? Have you ever dreamed that you will have an opportunity to re-invent the way people explore big data? ‘Reinventing Big-Data Engine’ is happening NOW in Kusto team.

The team started as a small incubation a year ago, and has already made a lot of buzz inside Microsoft, offering new solution for exploring and analyzing logs data which is based on new disruptive technology. Kusto’s lists of customers already includes large Microsoft cloud services, and is constantly expanding.

Now, that the team is growing, we are looking for strong and motivated developers to position Kusto as THE technology for log search and text analytics across Microsoft, providing value to external customers offering and Microsoft internal large scale telemetry initiatives.

If:

- You are passionate about writing performant code (C# and C++)
- You are even more passionate about building a large scale service
- You are really interested to understand how things work deep down
- You see the mission and you know how to drive to it on your own
- You love customers and wish you had a link to them directly
- You have a desire to deal with a real engineering challenge and win!

Join us and be part of the Next Big Data Thing!

To apply this position click here
Software Engineer for Windows Cyber Defense team

Location: Herzelia

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.

We are looking for seasoned UX developers who have rich knowledge in developing user experiences

Using various technologies – from Client side UI, through rich mobile based experience to Web based, HTML and server side UX.

If you have a keen eye for design, is passionate about providing the best user experience possible on every platform, able to convert your thoughts into actual working UX code, and interested in joining an elite group of engineers working on cutting edge security products, your place is with us!

Required skills:

- 3+ years of professional experience in UX development
- HTML5 and JavaScript web development experience using different frameworks
- C# knowledge in developing web server side components (ASP.NET, MVC)
- Team player, confident and enthusiastic
- B.Sc. / M.Sc. in Computer Science (or equivalent)

To apply this position click [here](#)
Electronic Engineer for AIT team

Location: Haifa

Microsoft HoloLens Team is continuing to revolutionize consumer electronic devices. We are growing the product development team and looking for experienced device product developers, working in a start-up environment on redefining experiences with epic technology innovation.

The AIT team is a fast growing team that is responsible for designing, building and delivering the devices and the innovative solution for Hololens and various future NUI applications. If you are passionate for electronic design of 3D imaging cameras which will serve millions throughout the world, we are offering a unique and great opportunity for talented people, to help us build and ensure our products meets the highest standards.

Required skills:

- Electronic engineering or equivalent knowledge
- 2-4 Years of industry experience
- Broad experience with digital circuit design, Verilog/ VHDL coding skills, Experience with FPGA devices and FPGA tools.
- User of CAD tool for schematic capture and PCB layout (user of Cadence an advantage).
- Extensive experience of design and manufacture of high density multi-layer mixed technology PCBAs.
- Excellent lab bring-up, debug skills and familiar with most lab equipment Creative problem solver.
- Strong debugging problem solving and analysis skills

To apply this position click here
Software Engineer for Application Insights

Location: Herzelia

The Application Insights Dev team is looking for a great software engineer / student with passion for customers, cloud services and data technologies. Our team’s mission is to deliver the most compelling end-to-end solution for telemetry analytics for modern applications across cloud and mobile platforms. Using state of the art stream and batch processing technologies and query engines we crunch out insights from hundreds of terabytes of data per day. We’re a competitive team, with great customer awareness and therefore we are focused on exciting features that will delight our customers and win market share.

Your job responsibilities will include design and implementation of versatile software components hosted in Azure, big data processing algorithm and development of crisp user experience with cutting edge web technologies...

Required skills:

- B.Sc. /M.Sc. degree in a technical discipline GPA 85 and above.
- Experience and passion around software engineering and code - C++/C# experience preferred.
- Team player, confident and enthusiastic

To apply this position click [here](https://www.microsoft.com/

What will you do?
Software Engineer for Bing Personalization team

Location: Herzelia

We ship Cortana! Our team builds the personalization core services of Cortana in the cloud.

To learn more about Cortana, check out the following videos:

- Meet Cortana: The New Windows Phone 8.1 Personal Assistant
  <https://www.youtube.com/watch?v=nX9P6skzZNU>
- Read about Cortana in Hebrew
  <http://www.calcalist.co.il/internet/articles/1,7340,L-3628573,00.html>
- Meeting Cortana: Microsoft’s Sassy Siri Rival
  <http://online.wsj.com/news/articles/SB10001424052702303978304579475760709953726>

Required skills:

- 1+ years of experience in definition, design and implementation of object oriented software.
- Degree in Computer Sciences or Software Engineering from one of the leading universities (B.Sc. / M.Sc). GPA: 85+.
- Passion for quality and building Internet scale systems.
- Excellent people skills, team player, confidence and “can do” attitude.
- Passion for learning new technologies.
- Willingness and ability to do research along with software development.
- Knowledge in Machine Learning and Data mining - an advantage

To apply this position click here
Software Engineer for Cloud Protection team

Location: Herzelia

The Protection Services team in Israel is building the next generation, cloud based services that power Microsoft’s security analysis and endpoint protection platforms. Protection Services’ mission is to build: Collection, Classification and Distribution mechanisms that provide Microsoft customers with high quality protection in a highly dynamic threat environment and at an ever increasing pace.

We are looking for individuals with strong technical, innovative and development skills that are self-driven and can balance creativity and drive for results with customer focus, team-work and the ability to quickly understand and pick up new technologies & applications.

Required skills:

- BSC or MSC in Software Eng. or Computer Science
- Experience and Passion around software engineering and code - C#/C++ experience preferred
- Experience with SQL - an advantage
- 1-4 years of programming experience
- Strong Dev coding, Debugging and problem analysis skills & Design capabilities
- High potential to grow and evolve
- Great people skills, leadership and collaboration
- Team player, confident and enthusiastic
- Independent in his tasks

To apply this position click here
Software Engineer for Business Intelligence team

The Power BI Mobile Applications team is leading the development of new and innovative mobile BI experiences. Our goal is to give users meaningful insights by developing cool, snappy, fun and well-engineered applications for phones and tablets that leverage the power of mobile platforms (Android, iOS and Windows Phone), combined with the power of emerging Microsoft BI cloud services in Azure and Office 365.

The position offers the opportunity for impact through innovation and creativity. The position also offers the opportunity to be part of an agile, strong and successful team that works on a high focus Microsoft technology.

We’re looking for a brilliant university graduate (Academic degree in computer science or a related field) with a background in Android development that are passionate about mobile apps, UX and design, enjoy delivering value in a dynamic environment, and are looking to make a big impact and take on big challenges.

Required skills:

- Development experience in Android - an advantage
- Creative thinking
- Academic degree in computer science or a related field
- Team player
- Server side development experience - an advantage

To apply this position click [here](#)