Software Development Engineer – Management Protection & Access Group

Location: Herzliya & Haifa

The Management & Security Division is involved in developing a cloud service which provides client management solutions for IT departments in enterprises. The Protection Services team in Israel is building the next generation, cloud based management service for enterprises and a suite of products around client & servers protection for enterprise and consumers clients.

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

Please send your resume and grade sheet to: ildojobs@microsoft.com
Software Development Student for BI

Location: Haifa

The SQL BI Dev team is looking for a great software student with passion to customers, quality, engineering and technology. SQL BI products have a rich set of capabilities: SQL Analysis Services and SQL Reporting Services. Our professional and agile team is focused on exciting improvements that will enable more customer scenarios and extend those products. Responsibilities include mainly software design, implementation in the areas of data models, multi-threading, distributed systems, reporting, etc.

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.

Please send your resume and grade sheet to:
ildcjobs@microsoft.com
Intern in the Advanced Imaging Technology group of Microsoft

Location: Haifa

As an intern you will work on developing a novel electro optic sensor. Our group is part of the Interactive Entertainment Business division of Microsoft, and develops sensors to be used in future Microsoft consumer products.

The work involves aiding the group in modeling of the acquisition process, developing and verifying the inference algorithms based on these models. The job involves a lot of experimental work and low-level involvement with programming and running the camera.

Required skills:

- Physics/EE/CS/math student – at least end of second year
- High grades – top 10% of the class
- Highly organized individual
- Ability to do experimental work – lab experience is an advantage
- Working knowledge of Matlab
- Knowledge/interest in image sensors technology – an advantage but not necessary

Send your resume and grade sheet:

ildcjobs@microsoft.com
Program Manager Intern – Business Intelligence (BI)

Location: Hertzelya

Microsoft is looking for a Program Manager Intern to join the Business Intelligence team. Program managers at Microsoft drive the formulation of strategy, customer requirements and project execution.

As an intern with the program management team, you will work with the development and test teams to translate customer requirements and business needs into technology investments. You will also work with other Microsoft teams to coordinate efforts and align deliverables. You will represent the team externally to Microsoft with customers and partners to create the relationships that will ensure our success in the marketplace.

The BI team is an agile and high-energy team in a fast-growing marketplace. Our team mission is to empower business users to create and share rich, powerful business intelligence (BI) solutions through familiar applications in Microsoft Office. Our solutions enable users to unlock data by using familiar tools to gain insights that result in better, faster, and more relevant decisions.

We are looking for talented people who can think about customer problems in non-traditional ways and translate this into technical innovation into our products. We are looking for sharp, “out-of-the-box” thinkers to help us formulate our strategy and execute on delivery for the next generation of Microsoft’s Business Intelligence solutions.

Required skills:

- 1+ years’ experience in software engineering
- Undergraduate degree in computer science
- In progress toward MBA or advanced degree in computer science
- Superior technical skills
- Ability to understand and anticipate customer needs
- Excellent communication skills

Send your resume and grade sheet:

ildcjobs@microsoft.com
Summer internships 2012

Are you a Graduate or PhD student in Computer Science or Computer Engineering or a related field? Do you have ideas on how technology can tackle some of the everyday problems facing the world? Do you have the passion and ability to see your ideas come to fruition?

Microsoft Israel R&D center is offering to students an opportunity to gain real and exciting experience at Microsoft during the summer academic vacation. Internships are lasting approximately 10-12 weeks in Haifa and Hertzelya offices with maximum flexibility.

Send your resume and grade sheet:

ildcjobs@microsoft.com

Join the conversation at:

www.facebook.com/MicrosoftRnDil
Research Software Development Engineer

Location: Herzliya

Group: IPE Israel (Bing Mobile)

Job Description:
Our group focuses on enabling new mobile experiences! Join us to explore, design and implement algorithms which infer the user’s context on mobile devices. These machine learning algorithms use the raw signals exposed by the mobile OS (accelerometer, gyroscope, microphone, GPS, etc.,).

Here are a few examples of inferred context:
   1. Detecting mode of transport: Is the user idle, walking, or driving?
   2. Understanding what the user is doing based on signals from his microphone.
   3. Using the barometer sensor data to estimate altitude.

Come help us push the envelope of mobile computing! Develop production-quality code and experiment with it on your smartphone!

Requirements:

- Graduate student in computer science
- Understanding basic machine learning concepts including feature extraction and classification
- Quick learning abilities
- Java + JavaScript knowledge is an advantage
- Experience in Android development is an advantage

Full/Part time position: Full time for the internship period

Please send your resume and grade sheet to:

ildcjobs@microsoft.com

Please write in the title of your mail: Summer Internship
Software Development Engineer intern

Location: Haifa

Group: BI

Job Description:

We’re looking for a highly competent, creative, and hands on graduate intern with machine-learning background for a project that will harness machine learning in favor of gaining insights about cloud services. The industry is shifting to cloud computing and cloud services, and one of the keys to successful cloud services is gaining insights into the massive amounts of data services produce – the SI team is building a system that will provide this for Windows Azure services. As an important and natural next step we’d like to use machine learning techniques for enhancing the level of analysis we do, this is what this project is about.

Requirements:

- 2+ years of hands on SW development experience
- 1st and 2nd degrees in computer science
- PhD student in the area of machine-learning or related
- Independence and creativity

Full/Part time position: Full time for the internship period

Please send your resume and grade sheet to:

ildaJobs@microsoft.com

Please write in the title of your mail: Summer Internship
Summer Intern for SQL BI Azure Group

Location: Herzeliya

Job Description:

- **Web Trace Viewer in Azure** – a Web version of the tool that is used by developers to view traces of WAD logs table. Having it hosted in cloud can boost performance of reading traces (reading Azure tables from Azure is faster than reading it from client). The tool allows filtering and grouping logs according to the various trace properties for easy debugging. Possible product application: having this tool will allow OPS to easy reference errors from SCOM to pull all trouble-shooting information by clicking on a link.

- **Troubleshooting for Azure** - prototype of turning unstructured traces into a structured data for BI processing. Example of scenario: filter “known issues”, finding redundant (replicated) traces; suggesting what traces should be verbose/info/warnings. Possible product application: improving our traces story, prototyping of how it is possible to making trace analysis automatic.

- **Performance Analysis tools** - Similar to “Troubleshooting” analysis - a prototype of how to analyze “structured” data (events) for performance analysis. Aggregate events that are produced by GW and Engine and split them into statistics of how much time spent in average for every activity. Allow “travelling” and correlating of activities – producing a graph of activities and relations in between. Possible product application: a BI data for further analysis for what performance and usage reports can be achieved from our system.

Requirements:

- The position is intended for MSc or PhD students in Computer Science with focus on data mining, machine learning
- Familiarity with development in managed environments (C# or Java)
- Ability to learn quickly new and complex areas
- Good knowledge of networking
- Experience with respect to data mining and business intelligence solutions – an advantage.

Full/Part time position: Full time for the internship period

Please send your resume and grade sheet to: ildcjobs@microsoft.com

Please write in the title of your mail: Summer Internship