Software Engineer Intern (ISRAEL, Netanya)

Job Category: Engineer - Software  
Level of Experience: Intern  
Requisition #: S1001663

Start date: flexible - in accordance with the university schedule  
Location: Netanya

Why You’ll Love Cisco

Everything is converging on the Internet, making networked connections more relevant than ever before in our lives. Our employees’ revolutionary ideas impact everything imaginable - from entertainment, retail, healthcare, and education, to public and private sectors, smart cities, smart cars, and everyday devices in our homes. Here, that means you’ll take creative ideas from the drawing board to powerful solutions that have real world impact. You’ll interface with Cisco leaders, partner with experienced mentors, and develop incredible relationships with colleagues who share your interest in connecting the unconnected. You’ll be part a team that cares about its customers, enjoys having fun, and you’ll take part in changing the lives of those in our local communities. Come prepared to be inspired.

We have currently several Software Engineer Internships open.

Please mention in your application if you have a preference for one of the roles below. If no preference is mentioned we will submit your application to role that best fits your profile and skills.

- AVC team / TRex project

Team description:
Cisco delivers technology and products for connecting people, places and things, from unified collaboration through data, voice and video to sensor networks, big data, communications carriers and cloud computing. The Cisco Core Software Group (CSG) is focused on delivering world-class software components that operates on our wide range of devices. A strategic, innovative and a center of excellence team that is leading widely deployed, user centric and consistent Application Visibility and Control (AVC) solution across Cisco portfolio that drives up platforms value. Team is responsible for the complete life cycle of the product, from product definition, through high level software architecture to detailed design, implementation, testing and customer support.
Within the AVC Team, a newly team is formed to be responsible for innovating the next generation realistic traffic generators. The team is the originator and the developer of the Cisco Pioneer and Open source traffic generator, leading both Cisco and outer organizations to use an open source tool as a valid benchmarking solution, using smart algorithms and efficient resource utilization.

What You’ll Do:
- Develop and extend advanced control and data plane features in an extreme scaled environment.
- Conceive, design, and implement new innovative solutions for arising demands of clients
- Get highly familiar with how network applications operate.
- Get familiar with open-source development techniques while incorporating internal work-processes.
- Develop C++ & Python Software features and Test automation

Qualifications:
- Currently pursuing a university degree in Computer Science or Software Engineering

The following skills would also be advantageous:
- Autodidact with extreme passion for new technologies and design concepts
- SW development skills in C/C++ and Python
- Background in standard networking theories, concepts, and protocols (L2-L7)
- Very good verbal and written communication skills (English)
- Highly motivated to deliver premium product with no compromises

Desired and advantage Skills
- Experience with C++, Python, TCL programming
- Experience with embedded software development
- Experience and familiarity with Data Networking
- Familiarity in GUI design and GUI SW development.
Security Group 1

Team description:
Cisco is looking to recruit software developer interns to be a part of the success of the Identity Services Engine (ISE) product evolution and be part of a highly driven, talented engineering team. ISE is a key component of Cisco’s security portfolio and is an award winning next-generation identity and access control policy platform that is used across the globe catering hundreds of millions of users across various enterprises. We are using cutting edge technologies and advanced algorithms in securing access and protocols.

What You’ll Do:
- The candidate will work on design and implementation of complex features in a multi-threaded environment under Linux OS using Java or C++ software languages.

Qualifications:
- Student currently enrolled in a bachelor or master’s degree in Computer Science, Computer Engineering, Electrical Engineering, or a related major such as Math, Physics
- The candidate will need to be hands on, fast learner and versatile across technologies and functional areas
- Strong academic performance
- Hands-on coding experience in Java/C++ is an advantage
- Good knowledge of OOD and multi-threaded development is an advantage
- Strong communication skills, team player.
- Can-do attitude with a strong drive to take the initiative and complete tasks.
- Ability to work with remote teams and different time zones.
- Be self-motivated with strong desire to learn and innovate.
- Fluent in English is an advantage

Security Group 2

Team description:
Cisco is looking to recruit a software developer intern to be a part of the success of the Identity Services Engine (ISE) product evolution and work on automation development in test of ISE server, and be part of a highly driven, talented engineering team. ISE is a next-generation identity and access control policy platform that enables enterprises to enforce compliance, enhance infrastructure security, and streamline their service operations. The unique architecture of Cisco ISE allows enterprises to gather real-time contextual information from networks, users, and devices. The administrator can then use that information to make proactive governance decisions by tying identity to various network elements including access switches, wireless LAN controllers (WLCs), virtual private network (VPN) gateways, and data center switches. Cisco ISE is a key component in BYOD solutions, ISE defines and brings to market new and exciting security and mobility technologies to solve customers’ critical network security concerns.

What You’ll Do:
- Hands on coding in Java and/or Python.
- Automation Development for ISE in the security domain
- Installing, configuring and maintaining virtual base environments
- Development and debugging in Linux environment
- Working in Agile / extreme Programming / Scrum development process

Qualifications:
- Enrolled in a bachelor or master study in Computer Science, Computer Engineering, Electrical Engineering, or a related major such as Math, Physics
- The following skills would also be advantageous:
  - Understanding of networking fundamentals, security, cryptography and protocols.
  - Development in Eclipse environment.
  - Good English, both written and oral
  - Fast learner, versatile, an independent thinker
  - Strong investigation and troubleshooting skills.
  - Strong communication skills, team player.

Please apply by uploading in the application process your English CV and grade sheet in the same document.
About Cisco
The Internet of Everything is a phenomenon driving new opportunities for Cisco and it's transforming our customers' businesses worldwide. We are pioneers and have been since the early days of connectivity. Today, we are building teams that are expanding our technology solutions in the mobile, cloud, security, IT, and big data spaces, including software and consulting services. As Cisco delivers the network that powers the Internet, we are connecting the unconnected. Imagine creating unprecedented disruption. Collaborate with like-minded innovators in a fun and flexible culture that has earned Cisco global recognition as a Great Place To Work. With roughly 10 billion connected things in the world now and over 50 billion estimated in the future, your career has exponential possibilities at Cisco.

Are you ready to change the World?
Make your mark on the businesses of the future and apply now at https://jobs.cisco.com/job/South-Netanya-Software-Engineer-Intern-\%28ISRAEL%2C-Netanya%29/310347100/.