SW Development Engineer - C/C++- Netanya

Why You'll Love Cisco

We connect everything: people, processes, data, and things. We innovate everywhere, taking bold risks to shape the technologies that give us smart cities, connected cars, and handheld hospitals. And we do it in style with unique personalities who aren't afraid to change the way the world works, lives, plays and learns. We are thought leaders, tech geeks, pop culture aficionados, and we even have a few purple haired rock stars. We celebrate the creativity and diversity that fuels our innovation. We are dreamers and we are doers. #We Are Cisco

What You'll Do:

You will explore, design and implement one of the best in class technologies on top of Cisco's network devices to perform traffic analysis, recognition and analytics generation. The development work focuses on real-time processing of traffic sessions as well as the implementation of software components running under various constraints for the IOT and access segment networks. You will have to utilize different engineering skills to design real-time code which performs complex analysis of high rate traffic. You will take into consideration aspects of performance, capacity and latency and develop code which can run safely cross different architectures. Your work includes working with various tools to analyze network traffic as well as how your code operates under different network conditions and use-cases. The technology developed by the team is a core function in different Cisco solutions, such as Security and SD-WAN which are based on real-time application recognition.

Be part of the Cisco organization that is driving the evolution and expansion into new technology areas and market segments.

Who You'll Work With

You'll be working at Cisco Application Recognition team, which has one simple goal in mind: to transform the network to be application aware. From that initial goal, we've built out a highly efficient and powerful traffic inspection agent as well as a scalable and sophisticated analytics function. Supported by our research and analytics tools, we allow organizations to apply analytics and application based policies for their sensitive business traffic as well as vast variety of cloud applications such as Office 365, Salesforce, Dropbox and other third party applications. Cisco Application Recognition team enables thousands of enterprise networks to perform application aware decisions, affecting millions of users. You will collaborate with peer analysts, and algorithm engineers all working to unlock the value hidden in our unique datasets to provide new ways to understand how applications behave and classify. You will also work with marketing, sales and directly facing customers – to help deliver this value to our customers and the community.

Who You Are?

The ideal candidate demonstrates a system-level focus while understanding the impact of every component. Have the skills to design, build and lead software features.

At minimum, we expect you to have:

- 2 years of related experience in development of real-time software
- 2 years experience in C/C++
- Team player, proactive and productive, with strong background in computer science. Highly dedicated and motivated person.
- Background in standard networking theories, concepts, and techniques
- Very good logic and problem solving capabilities
- Ability to study new material quickly and independently
- Ability to "dive" into a complex existing code
- Excellent English
- Good verbal and writing communication

Advantages:

- Experience in DPI (Deep Packet Inspection)
- Experience in NFV/SDN technologies.
- Experience with Python development
- 2 years or more of experience in Linux development

Are you ready to change the World?

We are on campus at Technion on 23 January. If you want to interview with us please submit your application including CV and grade sheet (in English or Hebrew) to mazaitse@cisco.com and mention "Technion Interview day" in the subject line.
Classification Software Engineer - Netanya

Why You’ll Love Cisco

We connect everything: people, processes, data, and things. We innovate everywhere, taking bold risks to shape the technologies that give us smart cities, connected cars, and handheld hospitals. And we do it in style with unique personalities who aren’t afraid to change the way the world works, lives, plays and learns. We are thought leaders, tech geeks, pop culture aficionados, and we even have a few purple haired rock stars. We celebrate the creativity and diversity that fuels our innovation. We are dreamers and we are doers. #We Are Cisco

What You’ll Do?

You’ll work at Cisco Application Recognition team. This is Cisco’s front line R&D team for Application Traffic Awareness - and is in charge of mining analyzing data and traffic patterns from Cisco Enterprise customers as well as Live traffic hotspots.

As an Engineer in the team you will:

- Develop code that will run at SDN layer to dynamically learn and provision data into networks
- Conduct analysis and research of traffic patterns and application signatures
- Investigate application trends and network traffic patterns
- Build and apply data research tools, application intelligence and external feeds to research application trends
- Analyze data and establish ongoing application classification metrics and anomalies indicators
- Generate and deliver signature packs to Cisco’s entire enterprise portfolio
- Author advisories, research papers and blog posts

Who You’ll Work With

You’ll be working at Cisco Application Awareness Innovation team, which has one simple goal in mind: to transform the network to be application aware. From that initial goal, we’ve built out a highly efficient and powerful traffic inspection agent as well as a scalable and sophisticated analytics function, supported by our research and analytics tools to allow organizations apply analytics and application based policies for their sensitive business traffic as well as vast variety of cloud applications such as Office 365, Salesforce, Dropbox, Box, ServiceNow, Google Apps, Third-party connected and other apps.

Cisco Application Recognition team enables hundreds of enterprise customers to perform application aware decision covering hundreds of users.

You will collaborate with peer analysts, and algorithm engineers all working to unlock the value hidden in our unique datasets to provide new ways to understand how applications behave and classify.

You will also work with marketing, sales and customer success – and directly facing customers – to help deliver this value to our customers and the community.

Who You Are

- We are looking for a motivated and creative problem solver, self-learning & results oriented. You have:
- 2-3 years of proven experience in related software development or Cyber Security analysis & research, threat modeling, incident response
- Proven experience with Java and/or Python code and data querying (SQL, python data mining, etc.)
- Excellent verbal and written communications (in Hebrew and English)

Preferred Experience

- Bachelor’s degree in Information Security, Computer Science, Information Systems, or relevant work experience.
- Familiarity with networking, network applications, detection methods and machine learning
- Veteran of military service in unit with relevant cyber security experience

Why Cisco

At Cisco, each person brings their unique talents to work as a team and make a difference.

Yes, our technology changes the way the world works, lives, plays and learns, but our edge comes from our people.

We connect everything – people, process, data and things – and we use those connections to change our world for the better.

We innovate everywhere - From launching a new era of networking that adapts, learns and protects, to building Cisco Services that accelerate businesses and business results. Our technology powers entertainment, retail, healthcare, education and more -- from Smart Cities to your everyday devices.

We benefit everyone - We do all of this while striving for a culture that empowers every person to be the difference, at work and in our communities.

Colorful hair? Don’t care. Tattoos? Show off your ink. Like polka dots? That’s cool. Pop culture geek? Many of us are. Be you, with us!

Are you ready to change the World?

We are on campus at Technion on 23 January. If you want to interview with us please submit your application including CV and grade sheet (in English or Hebrew) to mazaitse@cisco.com and mention "Technion Interview day" in the subject line.
Front End Developer - Netanya

Why You’ll Love Cisco

We connect everything: people, processes, data, and things. We innovate everywhere, taking bold risks to shape the technologies that give us smart cities, connected cars, and handheld hospitals. And we do it in style with unique personalities who aren’t afraid to change the way the world works, lives, plays and learns. We are thought leaders, tech geeks, pop culture aficionados, and we even have a few purple haired rock stars. We celebrate the creativity and diversity that fuels our innovation. We are dreamers and we are doers. #We Are Cisco

What You’ll Do:

As part of this role you will need to define UX, design and build UI SW for Cisco’s products that generate significant amount of revenues. You will create scalable software solutions that interact with widely deployed Internet products, thereby touching an endless number of users worldwide. Be part of the Cisco organization that is driving the evolution and expansion into new technology areas and market segments. The ideal candidate demonstrates excellent understanding of software principles and is highly motivated. Passion for front end development, ability to learn quickly and lead new domains are essential for success in this role.

Who You’ll Work With:

We are looking for a brilliant junior Software Engineer to be part of our innovative team, developing the Application Visibility and Control software within Cisco DNA controller for intuitive network and data analytics. The development work includes WEB UI design, implementation and automation for on premise and cloud solutions. The development is done using HTML5 and JavaScript for state of the art SDN controller micro services platform. We are working agile in both our mindset and methodology. This is a great opportunity to become experienced in multiple technologies.

Who You Are:

We are looking for a brilliant and Software Engineer to be part of our innovative team, developing The Application Visibility and Control software within Cisco DNA controller for intuitive network and data analytics.

Requirements:

• Up to 3 yrs of related experience with design and development of enterprise applications and/or complex Web UI systems.
• Bachelor’s Degree in computer science or equivalent. Graduated with a GPA of 85+.
• Experienced with developing Web-UI using Html5, JavaScript and JQuery.
• Team player, self-starter, proactive and productive. Highly dedicated and motivated person.
• Ability to study new material quickly and independently.
• Excellent English and documentation capabilities.

Advantages:

• Experience in React or Angular – Major advantage.
• Knowledge of Linux/Unix.
• Knowledge of Python or other scripting language.

Why Cisco

At Cisco, each person brings their unique talents to work as a team and make a difference. Yes, our technology changes the way the world works, lives, plays and learns, but our edge comes from our people. We connect everything – people, process, data and things – and we use those connections to change our world for the better. We innovate everywhere - From launching a new era of networking that adapts, learns and protects, to building Cisco Services that accelerate businesses and business results. Our technology powers entertainment, retail, healthcare, education and more – from Smart Cities to your everyday devices. We benefit everyone - We do all of this while striving for a culture that empowers every person to be the difference, at work and in our communities. Colorful hair? Don’t care. Tattoos? Show off your ink. Like polka dots? That’s cool. Pop culture geek? Many of us are. Be you, with us!

Are you ready to change the World?

We are on campus at Technion on 23 January. If you want to interview with us please submit your application including CV and grade sheet (in English or Hebrew) to mazaitse@cisco.com and mention "Technion Interview day" in the subject line.
Software Engineer Graduate - Netanya

Start Date: flexible
Internship location: Netanya

Why You’ll Love Cisco

We connect everything: people, processes, data, and things. We innovate everywhere, taking bold risks to shape the technologies that give us smart cities, connected cars, and handheld hospitals. And we do it in style with unique personalities who aren’t afraid to change the way the world works, lives, plays and learns. We are thought leaders, tech geeks, pop culture aficionados, and we even have a few purple haired rock stars. We celebrate the creativity and diversity that fuels our innovation. We are dreamers and we are doers. #We Are Cisco

Team description:

Cisco is looking to recruit Software Development Engineers to be a part of the success of our product evolution and be part of a highly driven, talented engineering team.

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.

Roles and responsibilities:

- 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 SW features and Test automation

Minimum Qualifications

- BA/BSc graduate or about to graduate in Computer Science or Software Engineering
- 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
- Experience and familiarity with Unix and Linux OS
- Traffic generators and test tools experience and familiarity
- Familiarity in GUI design and GUI SW development

About Cisco:

The Internet of things 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 jobs.cisco.com.

Please submit your application including CV and grade sheet (in English or Hebrew) and mention “Technion Interview day” in the subject line - cnedelea@cisco.com