

Software Coop – Full-Stack Developer (Real-time systems, IoT Networks)

Cheetah Networks, an innovative Edge to Cloud IoT Solutions Company, with expertise in wireless IoT technologies, develops solutions for Service Providers globally. We help our customers provide more reliable IoT based services to their Enterprise customers. With strong pedigree in networking technologies, we pride ourselves on our ability to respond quickly to customers needs with innovative solutions.

As we enter the next phase of our growth, we are looking for creative hard-working people to join the team and help us on our journey. As a candidate, you would be joining a funded start-up at a very early stage while having the opportunity to learn from industry experts who have been in the field for decades. We offer a flexible working environment in a flat organization structure. You will be provided an opportunity to experience first hand the opportunity to champion new initiatives while collaborating with the whole team. We offer a flexible work environment and are fully stocked with free coffee, tea, and pop! We are in a great west-Ottawa location in close proximity to the 417 and within walking distance to restaurants, coffee shops, grocery stores and a shopping mall! At this time we are all working remotely.

This is a full-time-equivalent, contract position for Algonquin undergrads or recent graduates (April 2021).

Initially it will be for 4 to 8 month, starting in May 2021, with an option for straightforward extension further.

Must Haves:

- Demonstrated practical work experience full-stack development on both server and backend.
- Demonstrated practical experience developing backend applications using any of Python, Java, Go
- Linux application development and scripting (e.g. sh, bash)

Brownie Points:

- Practical experience with cloud provider technologies (e.g. Google GCP, Amazon AWS)
- Real-time data sampling, data analysis, data storage, and data visualization
- Object-Oriented software design – Data Model and Object Model definition/extension
- Experience with ML/AI, numerical analysis (e.g. Pandas, Numpy)
- Database schema design
- Strong math and algorithm skills
- Practical experience with secure communication protocols and configuration (certificates, TLS, ssh, SSL)
- Posix software development experience
- Experience coding TCP/IP packet transmission or other network protocols (e.g. MQTT, Https)
- Experience with embedded processors and deploying Real-Time embedded software (non-kernel environments)
- Docker and docker based workflows
- Building and maintaining Automation and Git CI systems

Opportunities:

- Full-Stack development
- Mobility networking exposure
- IoT Cloud exposure

If you thrive in an exciting start-up environment where you can continuously learn and grow, then this position is for you!

Interested candidates can send their resume to:

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