

September 10, 2024

Arista Networks, Burnaby R&D Office
Burnaby, British Columbia

Dear Hiring Manager:


I am writing to express my strong interest in the *Software Engineer* Co-op at Arista Networks. As a software engineering student at the University of Victoria in British Columbia, I am excited about the opportunity to apply my skills and gain hands-on experience in the field. This role aligns with my career aspirations, and I am eager to contribute to and learn from your team while deepening my practical understanding of software engineering in a professional setting.

Throughout my academic journey, I have gained a strong foundation in software engineering principles, including object-oriented programming, software architecture, agile methodologies, and software testing. I am confident that my technical skills and experiences will allow me to make meaningful contributions to your team. Here are some key aspects of my background that align with this position:

- **Full-Stack Development:** I have experience developing full-stack applications, working primarily with TypeScript, React, and Python. I have designed system architectures and developed schemas for relational and non-relational databases, such as PostgreSQL and MongoDB.
- **Diverse Project Portfolio:** I have completed over 13 software development projects, including an iOS weather application in Swift, a 3D Rubik's Cube simulation in C++, and various web applications using React, JavaScript, and TypeScript.
- **Testing and Automation:** I have utilized build automation tools like Maven and Gradle, as well as web automation tools such as Selenium, Puppeteer, and WebDriverIO. I have experience with unit testing using frameworks like JUnit, pytest, and Mocha, and API testing using Postman.
- **Collaboration and Development:** As an active member of the Engineering Students Society and VikeLabs, I have mentored fellow engineering students and participated in hackathons and coding workshops.

I am currently available for a **4-month** work term and would be open to the possibility of participating in more than one consecutive terms. Thank you for considering my application. I look forward to the possibility of speaking with you further about this role.

Most Sincerely,



Arfaz Hossain (He/Him)
Software Engineering Student,
University of Victoria