Arfaz Hossain

Victoria, British Columbia

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Motorola Solutions, Vancouver HQ
Vancouver, British Columbia

Dear Hiring Manager:

I am writing to express my strong interest in the *Data Analyst in AI Prompt Engineering* Co-op at Motorola Solutions. I am a software engineering student at the University of Victoria in British Columbia. I am eager to learn and grow in the field of computer and software engineering, and I believe that this role will help me gain valuable work experience related to my interests and help me acquire a practical understanding in a real-world setting.

Throughout my academic endeavours, I have had the chance to explore and learn about many important concepts in software engineering, such as object-oriented programming, software architecture design, agile methodologies and software testing. My academic and project experiences align well with the requirements of this position:

- **Full-Stack Development**: I have experience developing full-stack applications, working primarily with TypeScript, React and Python. During some projects, I had the chance to design the system, develop schemas for both 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 using C++, and several web applications using React, JavaScript, and TypeScript.
- **Testing and Automation**: Throughout my projects, I have utilized build automation tools like Maven and Gradle, along with web automation tools such as Selenium, Puppeteer, and WebDriverIO. I have experience working with unit testing with frameworks such as JUnit, pytest, Mocha and have experience with API testing using Postman.
- **Collaboration and Development**: I have been an active member of the Engineering Students Society and VikeLabs, where I've mentored and worked with fellow engineering students, participated in hackathons and coding workshops.

I am currently available for **an 8-month or a 12-month** work term and would be open to the possibility of participating in more than three 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 Hussain (He/Him)
Software Engineering Student,
University of Victoria