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Huawei Canada
Markham, Ontario

Dear Hiring Manager,

I am writing to express my strong interest in the Software Engineer Internship at Huawei Canada. I have learned about this position when I met with your Talent Recruiter David Fan during UBC Spring Career Fair, and David highly recommended me to apply.

As a Computer Engineering student at UBC with a 4.0 GPA and hands-on experience in mobile development and AI integration, I am excited by this opportunity. Huawei's commitment to long-term, impactful research—especially in AI, NLP, and autonomous systems—resonates deeply with my academic and career goals. I am particularly inspired by the work of the Noah's Ark Lab, and how it helps fulfill Huawei's mission of integrating cutting-edge research into real-world applications.

My passion for software engineering stems from a deep curiosity about how systems work and a drive to build tools that improve lives. At UBC Launch Pad, I developed a cross-platform mobile app using React Native and Firebase that reached over 500 users in its first month. I implemented a modular architecture using Redux for state management and applied performance optimizations such as lazy loading and memorization to reduce render times and improve responsiveness. This experience reinforced my understanding of scalable design, efficient rendering, and collaborative development—skills directly aligned with Huawei's focus on analyzing and refactoring research prototypes and implementing new features on Android and HarmonyOS demo apps.

In my internship at NeuroLink AI Solutions, I deployed quantized convolutional neural networks (CNNs) using TensorFlow Lite on Android devices for real-time health anomaly detection. I optimized model performance through techniques such as post-training quantization and reduced inference latency by leveraging hardware acceleration where available. I refactored legacy Android codebases to improve Gradle build efficiency and modularity. Working closely with researchers and engineers, I contributed to three successful feature releases and maintained clear documentation of workflows using JIRA and Markdown. These experiences reflect Huawei's emphasis on deploying AI models and collaborating with cross-functional teams to integrate research into mobile systems.

Thank you for considering my application. I would welcome the opportunity to further discuss how my background and enthusiasm align with Huawei's vision through an interview.

Sincerely,
Russell Gonzales

Intern Software Engineer

Huawei Canada – Markham, Ontario

JOB DESCRIPTION

Huawei Canada has an immediate 6 months Internship opening for a Software Engineer.

About the team:

Founded in 2012, the Noah's Ark lab has evolved into a prominent research organization with notable achievements in academia and industry. The lab's mission focuses on advancing artificial intelligence and related fields to benefit the company and society. Driven by impactful, long-term projects, the aim is to enhance state-of-the-art research while integrating innovations into the company's products and services, including LLMs, RL, NLP, computer vision, AI theory, and Autonomous driving.

About the job:

- Analyze and refactor source code from research prototypes.
- Implement and test new features on Android or HarmonyOS demo apps.
- Deploy AI models and research outcomes onto Huawei mobile devices.
- Collaborate closely with cross-functional teams to integrate research outcomes into Huawei's mobile system.

JOB REQUIREMENTS

About the ideal candidate:

- In pursuit of BS or MS or Phd in Computer Science, Electrical Engineering, Computer Engineering, Software Engineering or Telecommunications.
- Proficient in at least one of the following programming languages: C/C++, Python, Java.
- Knowledge of Machine Learning.
- Excellent team player; strong collaboration and communication skills.
- Excellent documentation and organization skills.
- Knowledge of mobile development such as Android and IOS is an assets.

Educational Disclaimer

The sample resumes and cover letters provided are for educational purposes only. Please note the following:

- **Fictitious Content:** All names, job titles, and experiences included in these samples are entirely fictional. They do not represent real individuals or actual career histories.
- **Job Postings:** Each sample includes a job posting that was once publicly available online. These postings are included to demonstrate how to tailor application materials to specific roles. However, they may no longer be active or valid.
- **Learning Tool:** These materials are intended solely as a learning resource to help students understand effective job application writing strategies. If you have questions, please contact career.center@ubc.ca.