Tegveer Singh

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October 25th, 2021

Ontario Tech University

Subject: Application for Software Developer at Google

Please accept this application letter in response to the job opening for Software Developer, early careers at Google. I am currently in my fourth and final year pursuing Bachelor of Software Engineering at Ontario Tech University and expect to graduate by May 2022.

I am a quick learner with the necessary theoretical and practical exposure for this position. I have gained the knowledge required for this role through relevant courses in my curriculum, research endeavors and personal projects. They have helped me gain knowledge of Software development and its related principles.

I have experience with programming languages such as Python, C/C++ and Java. I currently work as a Research Associate at Ontario Tech University and assist my professors in completion of industrial-grade research projects. I contributed as an author to a published research paper on Artificial Intelligence-based velocity tracking for autonomous vehicles. I developed routing and scheduling algorithms for an open-source network simulator written in JavaScript. I am currently working on creating a dataset in C to help detect vulnerabilities in Embedded Linux Softwares. I have also been working closely with GitHub-API to generate statistics for large-scale repositories using Scripts written in Python. I worked as Junior JavaScript Developer at Intouch Guru’s Solutions, a software company, where I assisted senior consultants in data management and requirement documentation. I’ve worked as a peer tutor at my university and assisted engineering students in their assignments and other coursework. This has honed my programming skills and revised my knowledge of the courses I previously excelled in.

I have worked with multiple Web Development frameworks/languages like PHP, React, Node, Express, Flask, and Django. I have knowledge of Mobile App Development using Java in Android Studio. I am currently working on a Capstone Project for designing an obstacle detection system using machine learning models in TensorFlow and OpenCV-Python. I am also working on a personal project to create a social networking website using MERNG stack. To complement my technical skills, I have developed exceptional leadership and communication skills by working as a manager, cashier, and leading project teams in multiple settings. I have a cumulative GPA of 3.98 and I am a part of the Dean’s honor List at my university.

I am confident that my knowledge makes me an ideal candidate for the position. I hope that you will allow me an opportunity to work at your reputed organization and improve my skills in Software development. I look forward to hearing from you and discussing this opportunity further. My contact information is provided above. Thank you for your time and consideration.

Sincerely,

Tegveer Singh