

June 11th, 2023

From: Austing Dong

To: Google

Dear Hiring Manager,

I am writing to express my strong interest in applying for the position of Software Developer Intern at Google. As a University of Waterloo Computer Science undergraduate student, I strongly believe that my technical competencies and academic background are closely in line with the job requirements. I would like to highlight the following for your consideration:

I have loved computer science and developing applications since middle school when I earned the gold rank for the USA Computing Olympiad algorithm contest. My passion for programming continued to grow as I excelled in relevant courses at the beginning of my university studies. I find solving business challenges through programming fascinating because it gives me a sense of accomplishment. This deep interest in programming and technology has motivated me to explore related fields such as software development, quality assurance, and machine learning.

The computer science co-op program at the University of Waterloo offered me a unique opportunity to take on both programming and logical courses. Through working on a massive number of technical projects and assignments from hackathons and school activities, I gained hands-on experience in fields including but not limited to object-oriented programming, web application development, artificial intelligence, algorithm design, and data abstraction. You can view my projects on my GitHub: <https://github.com/AustingDong>.

One of the most significant projects I led and built was implementing an application that uses AI to extract keywords from articles containing scientific or technical information. This application helps users quickly locate their desired items based on keywords' weight and can be used to quickly get all the important items and keywords from NASA Technical Report Server, which includes hundreds of thousands of items containing scientific and technical information (STI) created or funded by NASA. Project details can be found here.

Through understanding project requirements, researching coding algorithms, implementing the application with clean code, and incorporating white and black testing in a limited time, I cultivated working experience in developing a technical application in accordance with business requirements. Moreover, I have honed excellent documentation and communication skills through interpreting and explaining technical concepts to my teammates while working in a team environment. I am confident that my academic and project background has prepared me well, and now is the time I can make valuable

contributions to a workplace environment.

I am extremely interested in advancing my career and contributing my skills to Google. I am willing to answer any preliminary questions you may have. Please feel free to contact me at austingdong@gmail.com or 1-226-789-9109 if you have any questions or require additional information.

Thank you for your valuable time and consideration.

Sincerely,

Austing Dong