Andrew Jemin Choi

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I am a third year Electrical Engineering student at the University of Toronto, with a variety of experience with programming and hardware courses. I have extensively used C/C++, Verilog and Assembly for my course projects, and I have learned Python to develop some side projects in my spare time. I have also worked in many different platforms, including Windows, Unix, and Linux, and have extensive knowledge in technical software (SVN, Git, MATLAB, PSpice).

Furthermore, my strengths also lie in communicating concepts with clever abstractions. I have worked as an undergraduate teaching assistant (TA) and a coding instructor at UofT, which helped me further hone my skills in speech and in content delivery. My experience as a teacher and mentor has made me very comfortable in public presentations and helped me become efficient in conveying technical information, such as code.

My most recent internship was at Safran Electronics and Defense, where I worked on the software architecture for the landing gear and auxiliary power unit used in aircrafts. By reading, analyzing and documenting code in C and Assembly, I updated the software architecture and ensured that the documentation adhered to the avionic guidelines set out by DO-178B. In addition, I sought out new ways on how the existing documentation process could be improved by using software. And by the end of the summer, I led a small team of students to develop a Python program that helped parse and verify the requirements, and ultimately, reduced errors in the documentation by 50%.

I am extremely excited to engineer impact and create change through this opportunity. I really hope to hear from you soon.

Sincerely,

Andrew Jemin Choi