

Eric Keefe

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Dear Recruiter,

I am writing to apply for the position of summer 2018 Software Engineer Intern at Garmin.

As background I am a junior at Willamette University majoring in computer science and mathematics with a GPA of 4.0 in both majors. I graduated high school in New Zealand December 2014, and upon receiving the Vice-Chancellors' Excellence Scholarship completed one semester at Victoria University of Wellington. Following this I enrolled at Willamette University where I received the highest academic scholarship. Please see my resume for a detailed list of my qualifications.

As a person with strong programming skills I have the technical skills necessary to intern at Garmin. Counting in progress classes, I have taken eight computer science courses. While most of these courses emphasized object oriented Java programming I have experience working with many languages, including JavaScript, HTML, MATLAB, Haskell, and Python. For example, I have completed two group projects, the first of which uses MATLAB to generate random mazes and the second of which uses Java to implement and visualize the A star search algorithm. I am currently working on another group project in which we are using JavaScript and HTML to build a complex music visualizer.

Furthermore, I have relevant work experience. Most significantly, during the summer of my sophomore year I participated in an REU in software security. Working under Dr. Elena Sherman, I created a framework for parallel data flow analysis by extending Soot's ForwardBranchedFlowAnalysis abstract class. During this eight-week period I faced many challenges such as tweaking the Eclipse IDE and switching the Java version to fix problems with large libraries that I imported from GitHub. Setbacks such as these taught me to be patient and work steadily even when frustrated. I also improved my communication skills as I had many opportunities to present and discuss my project. These opportunities ranged from meeting one on one with my mentor to formally presenting my work to the entire REU group. Finally, I significantly increased my proficiency programming with Java in an object-oriented fashion.

Thank you for your consideration; Please email me at ebkeefe@willamette.edu or call 203-918-5247 with any questions. I look forward to hearing from you.

Sincerely,

Eric Keefe