

Eric Keefe

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EDUCATION

Willamette University

Salem, Oregon

Mathematics and Computer Science (3.93 /4.0)

August 2015-present

- Awarded highest academic scholarship
- Awarded Kenneth Batchelder Memorial Computer Science Scholarship
- Northwest Conference Scholar Athlete freshman and sophomore year
- Relevant coursework: Intro to Programming, Intro to Functional Programming, Data Structures, Computational Science, Architecture and Compilers, Analysis of Algorithms, Computer Graphics, Junior Seminar

Victoria University of Wellington

Wellington, New Zealand

(4.08/4.0)

March 2015-July 2015

- Awarded Vice Chancellor's Scholarship
- Relevant Coursework: Accelerated Java Programming (4.0/4.0)
- Also completed Mathematics Acceleration and Extension at the University of Auckland (4.3/4.0)

EXPERIENCE

Software Security REU at Boise State University

Boise, Idaho

- Created a framework for parallel data flow analysis by extending soot's ForwardBranchedFlowAnalysis abstract class
- Implemented this framework with a reaching definitions analysis, and compared runtimes when using our parallel framework, another parallel framework, and a nonparallel framework

June 2017-July 2017

Adobe Dreamweaver Instructor

Salem, Oregon

- Designed and taught a week-long course in Adobe Dreamweaver
- Students built a simple website using bootstrap components but also worked with HTML and CSS code

July 2016

CodeHS Tutor

Salem, Oregon

- Graded high school student's assignments
- Worked through content in order to be able to grade more advanced assignments

March 2016-September 2017

ACTIVITIES and SKILLS

Programming Languages: Java, JavaScript, Matlab, Latex, Haskell, Processing, Corona, R, Maple, Ubuntu/Linux, HTML, CSS, Git

Athletics

- Varsity Men's Soccer team at Willamette University: started 11/14 games sophomore season and 6/6 games junior season
- Soccer Coach for Wellington College Eighth Graders (2013): planned and ran practices

Music: Willamette Percussion Ensemble (Spring Semester 2016), Percussionist for the Wellington Symphonic Band (2011 – 2013), and Wellington College Orchestra (2010)

High School Awards: Cambridge Math (1st 2013, 1st 2011, 3rd 2010), English (1st 2013), Barnicoat Prize for Senior English Literature (2013), [Australian Math Competition](#) (Distinction 2013, High Distinction 2011); [ICAS](#) Science Assessment (High Distinction 2011); Eton Press Casio Senior Mathematics Competition (Top 100 in 2012), Victoria University Mathematics Competition (1st place team 2014), Mathswell (Wellington Region Mathematics Competition)(2nd place team 2010, 2011, 2012)

References:

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