

Rhys Rustad-Elliott

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Education

University of Toronto

Sep 2016 – Present

Candidate, Honours Bachelor of Science, Specialist Program in Computer Science (class of 2020)

- 3.58 / 4.0 cumulative GPA
- Recipient of an entrance scholarship for an admission average greater than 90%

Work Experience

Hootsuite, Vancouver, BC

Jul 2016 – Aug 2016

Software Engineering Intern

- Performed a variety of frontend web development tasks for the Hootsuite Publisher
- Created a UI test for the Hootsuite Bulk Composer using an in-house UI testing framework
- Fixed Content Security Policy related issues in Hootsuite's Chrome extension
- Participated in daily agile scrum stand-up meetings with the Hootsuite publishing team

Free Geek Vancouver, Vancouver, BC

Sep 2011 – May 2016

Volunteer

- Tested, built and refurbished computers and electronics to be sold or donated to community groups
- Dismantled computers and electronics for ethical recycling
- Troubleshoot hardware and software problems affecting desktop computers undergoing refurbishment
- Educated new volunteers on proper procedures around building and refurbishing desktop computers

Projects

Shallow Blue, a UCI Chess engine written in C++11 using modern chess engine techniques

NEScafé, an accurate Nintendo Entertainment System emulator written in C#

SentiSocial, a web application that analyzes trending topics on Twitter

Open Flood, a flood-fill puzzle game Android application

Sock Snake, a SOCKS4a proxy server implementation in Python 3

ScalaQuote, a quote of the day server written in Scala, complies with RFC865

Corridors.io, a browser based 3D maze game using the three.js WebGL library

Awards / Achievements

- Placed 28/126 at the 2016 East Central North America ACM-ICPC Regional Programming Contest
- Achieved a perfect score on the 2014 Junior Canadian Computing Competition
- Eric Hamber Secondary School Graduation Award for achievement in Computer Science

Languages / Technologies

- LPIC-1: Linux Administrator Certification
- Proficient in Python, Java, JavaScript and C++
- Working knowledge of C, C# and Lua
- Basic knowledge of Scala and Functional Programming
- Knowledge of Android Development
- Experience with Node.js