Levi Starrett

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Objective: To obtain an internship working on the APSS team in Boulder, CO for the summer of 2015.

Education

Purdue University   **West Lafayette, IN**
Bachelor of Science in Computer Science   **May 2016 [**3.83**]**

Skills

Technologies

- **Config Management** -- Experience with both **git** and **subversion** in real software teams, and familiar with online source hosting such as **Github** and **Bitbucket**
- **Python** -- Extensive experience building web applications in Python using the **Flask** microframework
- **JavaScript/HTML/CSS** – Strong background building formatted web apps
- **Java** -- Firm understanding of **object oriented programming** in Java
- **C** -- Wrote a **random forest** learning algorithm to predict outcome of a dataset (school project). Some experience with embedded control in C
- **MySQL** – Practical experience using **relational databases** in applications
- **Team tools** – Used **Lync**, **Hangouts**, **JIRA**, **git**, **subversion**, **Skype**, and **Outlook** in real world employment environments

Leadership

- Undergrad TA for Purdue CS190 Tools course
  - Directed two labs of approximately **twenty students**
  - Checked assignments, answered questions on topics such as **linux**, **bash**, **vim**, **git**, **eclipse**, **debugging**, etc
- Purdue/Qualcomm recruiting app team lead
  - Led a team of five other [older] Purdue students in creating a mobile web application for the **Qualcomm** campus team
  - Built Node.js/Express framework using git for config management
  - Scheduled meetings, assigned tasks, managed due dates and oversaw app progress and requirements

Experience

Employment

- **Qualcomm Technologies, Inc.** (qualcomm.com)   San Diego, CA
  Interim Engineering Intern   May 2014 – August 2014
  - Part of a **Dogfooding** team developing an automatic platform for testing
  - Worked on a server in JavaScript, HTML5, and CSS on the **Node.js** framework
  - Worked extensively in testing devices using the **Android** operating system and **ADB**

- **Emergent Instruments, Inc.** (emergentinstruments.com)   West Lafayette, IN
  Software Developer   May 2013 - present
  - Part of a team developing software for an electrochemical analyzer
  - Used **git**, and worked as part of a team with other developers
  - Programming in Python, JavaScript, HTML5 and CSS on the Flask framework
  - Interfacing with embedded software in C on a target device via USB

- **ROX Software, Inc.** (roxsoftware.com)   Brookston, IN
  Software Engineer   November 2011 - July 2012
  - Part of an engineering team porting xtUML models to an updated version for application in **Agilent Technologies** gas chromatographs
  - Used a **subversion** repository, screen sharing, Skype, email, and other team communication techniques

Projects

- Created and maintain an **open source project** exploring cheat algorithms for the game snake: levistarrett.com/snake
- Designed a **random forest** algorithm for a school project
- Wrote an Android application for social networking using **AllJoyn** for Qualcomm hackathon HackMobile
- Scripted several small games for online hosting in Flash