**Levi Starrett**

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**Education**

**Purdue University West Lafayette, IN**

**Bachelor of Science in Computer Science Anticipated May 2016**

**Relevant Coursework**

**Fall 2013:**

**CS 180** Object Oriented Programming (in Java)

**Spring 2014:**

**CS 240** Programming in C

**CS 182** Foundations of Computer Science**Fall 2014:**

**CS 250** Computer Architecture

**CS 251** Data Structures and Algorithms

**Spring 2015:**

**CS 252** Systems Programming

**CS 352** Compilers: Principles and Practice

**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 applications in Python
* **JavaScript/HTML/CSS** - Experience building formatted web apps
* **Java** - Firm understanding of **object oriented programming** in Java
* **C/C++** - Wrote a **random forest** learning algorithm to predict outcome of a dataset (school project). Some experience with embedded control in C.

**Leadership**

* 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.
  + Scheduled meetings, assigned tasks, managed due dates and oversaw app progress and requirements

**Experience**

**Employment**

* **Qualcomm Technologies, Inc.** ([qualcomm.com](http://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](http://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](http://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**

* Wrote several small games for online hosting
* Wrote an Android application for social networking using **AllJoyn**
* Designed a web site for an engagement project for an English course
* Wrote a **random forest** algorithm for a school project

**References available upon request**