**Levi Starrett**

1192 E Dollar Ct

Brookston, Indiana 47923

(765) 532-4829

levistarrett.com

lpstarre@purdue.edu

**Education**

**Purdue University West Lafayette, IN**

**Bachelor of Science in Computer Science May 2016 [**3.85**]**

*focus in Systems and Software Engineering*

**Skills**

**Technologies**

* **C/C++** – Strong background in writing system level and embedded applications in C and C++. Implemented a specialized FTP server for Qualcomm modems
* **Version Control** – Experience with **git**, **subversion**, and **perforce** 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
* **Java** – Firm understanding of **object oriented programming** in Java
* **MySQL** – Practical experience using **relational databases** in applications
* **Team tools** – Used **Hangouts**, **JIRA**, **git**, **subversion**, **Skype**, and **Outlook** in real world employment environments

**Leadership**

* Undergrad Lecturer for Purdue CS190 Tools course
  + Primary lecturer for CS190 Tools at Purdue University (Fall 2015). 400+ students
  + Cover topics such as **linux**, **bash**, **vim**, **git**, **eclipse**, **debugging**, etc
  + Developed much of the course material including labs, lecture slides, and demos
* Purdue/Qualcomm recruiting app team lead
  + Led a team of five other Purdue students in creating a mobile web application for the **Qualcomm** campus team
  + Built Node.js/Express framework using git for version control
  + Scheduled meetings, assigned tasks, managed due dates and oversaw app progress and requirements
* Student leader on the Purdue Bible Fellowship leadership team

**Experience**

**Employment**

* **Qualcomm Technologies, Inc.** (qualcomm.com) Boulder, CO

Interim Engineering Intern May 2015 – August 2015

* Worked for modem data services on the protocols team
* Implemented a specialized **FTP server** for testing data throughputs on various interfaces
* Worked extensively in testing on target builds running **Android**
* **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 – May 2014

* 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

**Projects**

* Created and maintain an **open source project** exploring cheat algorithms for the game snake: levistarrett.com/snake
* Built an Android powered navigation shirt system for Boilermake 2014: levistarrett.com/Wear2GO
* Wrote an Android application for social networking using **AllJoyn** for Qualcomm hackathon HackMobile
* Wrote HTTP framework for apartment access using **Raspberry Pi** as hardware target (in progress)
* Created RGB toilet bowl nightlight (just for fun ☺) https://www.youtube.com/watch?v=7ixtPnmSlls