

Michael Clayton

michaelcclayton@outlook.com — michaelcclayton.com

18 10th Street
Apt. 627
San Francisco, CA 94103

415-640-8213

OBJECTIVE:

To offer my problem solving skills and software development knowledge as a full-time software engineer.

SKILLS:

Languages: *Java, JavaScript (ES5 & ES6), C, PHP, SQL, Scala, Shell Scripting, HTML, CSS*

Platforms: *Android, MS Windows, MacOS, Web, Linux, Unix*

Other: *Android Dev., Twitter Bootstrap, JQuery, JSON, Git/GitHub, Maven, Spring, Eclipse*

RELEVANT EXPERIENCE:

Salesforce.com, IoT Cloud January 25, 2015 – Present
Software Engineer San Francisco, CA

- Took the lead on architecting/implementing high-profile UI features in React.js
- Created RESTful endpoints utilizing the Node.js Express Framework
- Led the unit testing initiative for the IoT Cloud web front-end

HomeAway June 2, 2014 – Aug. 15, 2014
Software Engineer Intern Austin, Texas

- Developed a system within Core API that enabled asynchronous HTTP client requests.
- Reduced SLA violations by giving client requests *Future<V>* behavior.
- Added support for immediate and scheduled long lasting client-invoked processes.

ExactTarget, a salesforce.com company May 28, 2013 – Aug. 9, 2013
Core Engineering Intern Indianapolis, Indiana

- Developed a sleek web dashboard that enables real-time ExactTarget server monitoring.
- Created a RESTful API, in Scala, to expose server data and functionality to the UI.
- Leveraged JavaScript, HTML, CSS, JQuery, and ExactTarget's Fuel UX (extends Bootstrap) to create a rich and intuitive user interface.

Purdue University K-12 Outreach Oct. 30, 2013 – Dec. 2014
Software Developer West Lafayette, Indiana

- Adapted from the PicoCTF platform to create an online problem solving and programming competition platform.
- Implemented the model-view-controller paradigm to make a dynamic web user interface.
- Utilized the Flask python microframework to add to an existing RESTful API, enabling interfacing with a Mongo Database.

SELECT PROJECT EXPERIENCE:

Shrugs (Graphical Website Builder) Jan. 16, 2014 – April 24, 2014

- Led a team of four to create a graphical website builder using the Java Swing toolkit.

Wifil (Crowdsourced Wi-Fi Locator) Aug. 26, 2013 – Dec. 4, 2013

- Led a team of four to create a crowdsourced Wi-Fi locator for Android devices.

BlockWords May 11, 2013 – May 27, 2013

- Developed an addicting grid-based word game for Android devices, which boasts a backtracking puzzle-generating algorithm; polished graphics; and challenging gameplay.

Stock Market Tracker March 5, 2013 – March 18, 2013

- Created a program that scrapes data from Google finance, monitors it, and records figures such as extreme highs and lows of stocks prices to a text file.

ACTIVITIES AND LEADERSHIP:

Purdue ACM SIGAPP (Application Development) Vice President	Sept. 4, 2012 – Dec. 2014
Purdue ROCS (Reach Out for Computer Science) Member	Aug. 19, 2013 – Dec. 17, 2013
Purdue Hackers Club Member	Aug. 27, 2013 – Dec. 2014

EDUCATION:

Bachelor of Science in Computer Science	December 2014
Purdue University, West Lafayette, IN	Cumulative GPA: 3.77/4.0
Dean's List & Semester Honors	Spring 2012 – Spring 2014