Sean McElroy

480.335.9364 | [sdmcelro@asu.edu](mailto:sdmcelro@asu.edu) | [www.linkedin.com/in/seandmcelroy](http://www.linkedin.com/in/seandmcelroy)

**SKILLS**

**Software** Eclipse; MySQL Workbench; pgAdmin; Weblogic Console;

CouchDB Futon; Microsoft Word, Excel, and Powerpoint

**Systems** Microsoft Windows (Vista, 7, 8); Ubuntu Linux

**Languages** Java; Javascript; C++; Python; PHP; SQL

**Databases** Relational (MySQL, PostgreSQL); Non-relational (CouchDB, MongoDB)

**Frameworks** React.js; Angular.js; jQuery; Node.js; Express.js; Restify.js

**Server Tech.** Weblogic; Java servlets; Apache Tomcat

**Browser Tech.** Ajax; JSON; XML; REST; HTML5; CSS

**Techniques** MVC; SVN; Git; Agile; TDD

**PROJECTS AND EXPERIENCE**

**Programmer Analyst**, Syntel *May 2016 - Present*

* Data warahouse

**SocialGM**, General Motors eProject (Capstone) *Fall 2014 - Spring 2015*

* Drove development of a social media data mining and text analytics web application on a team of 5 using Agile practices; performed development, testing, and quality assurance activities
* Implemented Apache CouchDB, a non-relational database, for the persistence of tweets and created RESTful endpoints using the JPA
* Embraced the use of the Angular framework for the user interface by creating the primary application page which included a complicated form and several display areas

**Intern*,*** Scottsdale Insurance *Summer 2013*

* Implemented a front-end web application composed of multiple pages that created and formatted labels for a printer
* Created interfacing with a SQL database in order to efficiently fetch and display data
* Worked on a diverse team using the Agile development approach in a self-directed enterprise environment

**EDUCATION**

**Bachelor of Science** in Applied Computer Science *Spring 2011 – Spring 2015*

Arizona State University Polytechnic, Mesa, Arizona

Grade Point Average: 3.97/4.00