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## Technical Skills

- **Programming Languages:** Java, Python, Javascript (ES6, Node.js, Angular, JQuery, AJAX), HTML5 (Pug), CSS3 (Sass, Bootstrap), SQL, R, VBA
- **Database Experience:** MongoDB, MS SQL Server, MySQL, PostgreSQL
- **Software Development:** Git/Version Control, Test-Driven Development, Automated Unit Testing, Agile/Scrum Project Management, Business analysis

## Work Experience

### **KAISER PERMANENTE, ANALYST / PROGRAMMER, 2015 - PRESENT**

- Automate reports and build decision support applications in VBA/Excel/Access/SQLServer to support the Department of Research & Evaluation (Space Management Planning Tool, Grant Projection Tool).
- Experience coding stored procedures and views in MS SQL Server. Built reports and dashboards utilizing SSRS.

### **MERCURY INSURANCE GROUP, BUSINESS SYSTEMS ANALYST, 2015**

- Liaison between business and project team to capture business requirements and translate them to complete functional requirements for developers.
- Facilitate meetings to assess scope of projects, gather estimates, determine dependencies on systems to coordinate integration, and overview project status.

### **WOMEN IN COMPUTING, WEB DEVELOPER, 2013 - 2015**

- Site administrator for Women in Computing CSULB chapter. Front-end web development work on WordPress CMS. Implemented responsive web design principles and interactive user elements with JQueryUI.

## Projects

**ROVER SWARM SIMULATION** [JAVA, NODE.JS] [TEAM OF 4]

**SPOTIFY SEARCH – SINGLE PAGE APPLICATION** [ANGULARJS, NODE.JS, EXPRESS]

**LEGAL FORMBUILDER – MVC WEB APP** [JAVA, APACHE TOMCAT, POSTGRESQL, MAVEN, SPRING, HIBERNATE, BOOTSTRAP, JQUERY, AJAX] [TEAM OF 4]

**OTHELLO GAME SIMULATOR** [C++]

**REUTERS NEWS APP** [JAVA, ANDROID, NEWSAPI.ORG]

**ABSOLUT MIXR APP** [JAVA, ANDROID, ABSOLUT DRINKS API] [TEAM OF 5]

## Education

M.S., Computer Science, California State University Los Angeles, exp. 2018

- Thesis (Advised by Mohammad Pourhomayoun, Ph.D.):  
EVALUATING CONVOLUTIONAL NEURAL NETWORKS FOR DIAGNOSING  
PRE-CANCEROUS CERVICAL CYTOLOGY

B.A., Political Science, University of California Los Angeles, 2010

## Affiliations

Data Science Research Group – CSULA Chapter

Association for Computing Machinery