

Jessica H. Florey

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PROFESSIONAL SUMMARY

- Highly skilled and committed full-stack developer specializing in web interfaces, object-oriented design, and large-scale data analysis
- Proficient in Software Development Lifecycle from Analysis, Design, Built, Integration, Implementation, and Deployment. Excellent skills in network protocol, parallel query optimization, debugging software system, and automating process using low latency algorithms.

EDUCATION

B.S. in Management of Information Systems, GPA: 3.54
San Jose State University, San Jose, CA

Graduated May 2017

Full-Stack Web Development

Completed March 2017

Coding Dojo Bootcamp, San Jose, CA

Worked as a Full-Stack Developer with a primary focus in Web Application Development, Web-Services, User SDKs, and APIs.

- Designed and developed enterprise applications in a variety of languages including but not limited to Python, Java, JavaScript, Ruby, C++, and SQL. Worked to make sure everything is integrated on an enterprise scale.
- Worked in an agile software environment, with a focus on Scrum, Test Driven Development (TDD), and code reviews.
- Created a Django book review application using Python OOP and Object-Relational Mapping (ORM) queries optimization that can create and link database tables. Installed Bcrypt to generate hashed passwords for secure user logins.
- Designed an application's architecture and created algorithms to strategically retrieve and handle UI data.
- Used shell scripting and Bash terminal to build a file system framework and manage and control systems.
- Developed a working Airport Finder UI application using MEAN stack and full-stack development.
 - Integrated with Google Map API to provide user information and locate businesses near airports.
 - Used Bootstrap, HTML/CSS to create a user-friendly GUI. Installed JSON and Node package for the app development.
- Designed and developed a social event blog using Ruby on Rails, MVC, and PostgreSQL in an end-to-end process.
 - Used scaffolding statements to generate controllers and create data tables.
 - Installed Ruby gems, Rails and Rake, to manage file systems. Installed Bcrypt for password validation.
- Developed WCF Services and secured the services with token-based authentication for mobile devices.
- Deployed a scalable infrastructure using AWS EC2, S3, Route53, Elastic Load Balancer, and Virtual Private cloud with Ubuntu 12.04 and RHEL 5.5

Environment: Python, OOP, Django, JSON, RESTful, MySQL, PostgreSQL, AWS, Docker, API, JavaScript, GIT, HTML, CSS, Ruby on Rails, NodeJS, ExpressJS, AngularJS, MongoDB, Bootstrap, Sublime Text3, Linux, Shell Scripting, MAC OSX, SQLite, NoSQL.

WORK & PROJECT EXPERIENCE

Business Analyst, Equinix, Inc.

Sept 2015 to Feb 2016

- Performed data analysis on the massive amount of data and generates output data using Hadoop, Python, Pandas and Numpy modules.
- Tremendously improved team performance by designed and developed BI reporting system using machine learning frameworks which reduced one week of working on generating reports to one click
- Prototyped and led the development of log file analysis using tools, Elastic search, Log stash, and Kibana to implement high volume data integration. This development improved 80% of the efficiency in processes using WebSphere and Pega log files.

System Analyst, Equinix, Inc.

April 2015 to Aug 2015

- Designed data-driven-testing framework that pulls in test suite data to automatically populate website data fields, using Java, and software tools: Selenium WebDriver and IDE, Eclipse, MS Excel sheet, Apache POI, and Mozilla Firefox.
- Assisted in the development and launch of Survey Monkey's new public API, enabling third party developers to manipulate output response data, survey information, and response count

Software Developer, BUS.119A: Project Management, SJSU

Sept 2015 to Dec 2015

- Developed web applications for automating the process of running Ansible playbook, storing output and alerting the developers, using Python, MVC frameworks like Flask, JavaScript, Bootstrap, CSS and HTML.
- Developed a website using MySQL, Web Server, HTML5/CSS3, and JavaScript, integrated with PayPal payment process.

Software Architect, BUS110A: System Analysis, SJSU

Sept 2014 to Dec 2014

- Designed a user-friendly interface that can store and retrieve faculty data using Visual Studio, Access, Dropbox, and WebEx.
- Managed information data; analyzed library quality, performance, scalability, and reliability.

AREAS OF EXPERTISE

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| • Object-Oriented Programming | • Virtualization/Cloud Software | • Agile/Lean Development |
| • Test-Driven Development | • Algorithm Design/Debugging System | • Embedded Design/Programming |