

Adam Jenkins

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Education

California State University, Chico
Majoring in Computer Science
Cumulative GPA: 3.5
Major GPA: 3.5
Expected graduation: Fall, 2018

Skills

Programming Languages: Python, C/C++, Bash, JavaScript, HTML, CSS, SQL, Java, R, Swift
Tools/Frameworks: Kubernetes, Docker, Helm, AWS CLI, GitLab CI/CD, Django, Flask, Bootstrap, Vue.js, jQuery
Applications: IntelliJ, RStudio

Experience

Veeva Systems – Security Engineer Intern

May - August 2018

- Incident Response Slackbot
 - a) Worked with additional security engineers to implement containerized Slackbot in Kubernetes hosted on AWS EKS
 - b) Slackbot posts to Slack channel when security incidents are detected and prompts user if they would like to create a JIRA ticket
 - c) Implemented JIRA and Minio containers and contributed to Slack Listen and Incident Response containers
 - d) Created Flask REST API to create JIRA tickets when prompted
 - e) Built Helm charts to organize and generalize Kubernetes templates as well as manage blue/green deployments
 - f) Designed and implemented GitLab CI/CD pipeline to automate the test, build, deployment, and release processes of our software
 - g) Learned Kubernetes, Docker, Helm, GitLab CI/CD, Flask, and numerous AWS services

Laurence Livermore National Laboratory – Computation Intern

January - August 2017

- Student Poster Grading Application (SPGA)
 - a) Redesigned Java EE application to use the Play Framework and AngularJS
 - b) Worked closely with mentor and clients to ensure program requirements were met, that applications functioned smoothly, and adapted to users' needs
 - c) SPGA used by faculty to grade hundreds of student posters over a few hours at the Annual Student Poster Symposium and deliver clear results
 - d) Learned fundamentals of Play Framework, HTML, AngularJS, CSS, and Bootstrap
- Java Cafe Replacement application
 - a) Wrote new application to replace outdated Java Cafe version using Play Framework, Angular 2, and Angular CLI
 - b) Managed employee data to display assigned and available tasks based on current year
 - c) Allowed users to easily make changes to employee roles and assigned tasks

Personal Projects

January - March 2017

- Custom Linux File Server
 - a) Designed Linux File Server to aid Terra Nova High School Journalism Class to allow easy access of files across multiple computers
 - b) Built custom version of Ubuntu to include OpenSSH so server could be started from live boot, allowing the server to be used from any computer with Internet access
 - c) Wrote Python startup script to mount NTFS partition in storage drive and start server on specified port
- Python file backup script
 - a) Implemented a Python script using the Paramiko SSH Library to automate the backup of personal projects to an AWS Linux server

Mobile Applications

February - August 2016

- Independently developed Rotational Schedule application for Android and iOS
- Rotational Schedule app designed to aid high school students and parents in Jefferson Union High School District by providing a schedule with the order of the periods and the class times, available on the App Store and Google Play
- Learned fundamentals of Java, XML, Swift, Android Studio, and XCode