

Adam Jenkins

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Education

California State University, Chico
Majoring in Computer Science
Cumulative GPA: 3.4
Major GPA: 3.4
Expected graduation: Fall, 2018
CSU, Chico Honors Program

Skills

Programming Languages: C/C++, Python, Java, Javascript, SQL, PL/SQL, R, Typescript,
HTML, CSS, Swift, Bash, Bash Expect, XML, LaTeX
Tools/Frameworks: AngularJS, Play Framework, Angular 2, Angular CLI, jQuery
Applications: IntelliJ, Toad for Oracle, RStudio

Experience

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 - a) Wrote new application to replace outdated Java Cafe version using Play Framework, Angular 2, and Angular CLI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

Class Projects, CSU, Chico

Fall/Spring 2015

- Database Project
 - a) Created a database of NBA players and teams using Oracle
 - b) Demonstrated proficiency using SQL and PL/SQL
 - c) Used PL/SQL to create custom .csv files from the master .csv file and used R in combination with RStudio to plot them