

# 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++, Java, Bash, JavaScript, HTML, CSS, SQL  
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) Pipeline saved engineers a substantial amount of time that could instead be spent developing
  - h) 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  - a) Wrote new application to replace outdated Java Cafe version using Play Framework, Angular 2, and Angular CLI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

### Relevant Projects

August - December 2018

- Bootable Disk Creator
  - a) Designed and implemented multithreaded Python GUI and CLI to automate process of creating bootable install media in Linux
  - b) Project will take any ISO image provided and a partition on a drive and create a bootable drive with that image that is UEFI compatible
  - c) Still in development, but plan to eventually create package and release software
  - d) Write up and code can be found at <https://github.com/adamjenkins1/BootableDiskCreator>

### Extracurricular Activities

- Upsilon Pi Epsilon member
- USR0 member – CSU, Chico Computer Security Club
  - a) Competed in Collegiate Penetration Testing Competition in Stanford, CA, Fall 2018
    1. Attacked mock infrastructure and wrote formal report detailing identified vulnerabilities and solutions