

JESSICA CHEN

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PROGRAMMING SKILLS

Languages: Java, Python, C, C++, HTML/CSS, JavaScript, SQL

Tools & Software: Git, Ansible, Jenkins, Postman, Artifactory, Docker, K8s

WORK EXPERIENCE

Software Engineer | IBM

Aug 2019 - Present

San Jose, CA

- Design, develop, and orchestrate z/OS container images in a simulated distributed environment, increasing deployment speed and scalability of a monolithic product
- Write and integrate Ansible provisioning playbooks and Postman API tests into Jenkins CI/CD pipeline to automate the end to end deployment of applications and demonstrate a cloud native experience on the mainframe
- Code and debug internal Quality Assurance Framework tests written in Java
- Enable faster development and reduce team pain points by automating a fully manual internal workflow using Ansible playbooks, simplifying documentation and development processes
- Participate in and contribute to Agile practices (daily scrums, retrospectives and sprint planning, iteration demos, etc.) to improve productivity and communication across team

Web Developer | Haas Institute for a Fair and Inclusive Society

Aug 2018 - Aug 2019

Berkeley, CA

- Maintained 5 organization websites using Drupal and Wordpress content management systems
- Implemented new site features and designs using HTML, CSS, and JavaScript
- Tested and deployed changes via Git and Pantheon hosting services

Teaching Assistant | UC Berkeley Web Design DeCal (CS 198)

Jan 2019 - May 2019

Berkeley, CA

- Assisted course instructors with teaching 100+ students the fundamentals of front end web development and design (using HTML, CSS, and JavaScript) at weekly lecture and lab sections
- Led a 17 student cohort, held office hours, and graded assignments/projects
- Maintained and updated course website and student portal using Django

Academic Intern | UC Berkeley Computer Science (CS 61B/BL)

Jun 2018 - Dec 2018

Berkeley, CA

- Helped students enhance understanding of data structures, object-oriented programming (OOP), asymptotic analysis, sorting/search algorithms, and JUnit testing by answering questions/conducting mini lectures during labs
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EDUCATION

University of California, Berkeley

Aug 2015 - May 2019

Economics B.A., Computer Science Minor

GPA: 3.4

Relevant Coursework: Structure & Interpretation of Computer Programs, Data Structures, Computer Architecture, Databases, Graphics, Artificial Intelligence, Web Design