

Emily Bailey

Software Engineer

Emily Bailey

703.505.0649
emilybailey3@gmail.com

Skills

Experience with Java, RESTful web services, Javascript, Marionette.js, Backbone.js, JUnit, Jasmine, Maven, Spring Boot, Jersey/Jackson, Agile Web Development, Test Driven Development, A/B Experimentation, Confluence, Jenkins, JIRA, Multi Tier Web Applications, Object Oriented Development

Some working knowledge of Vue.js, C, Python

Experience

Macy's Inc / Senior Software Engineer

Oct 2019 - Feb 2020, San Francisco CA

- Performed full stack web development for the macys.com website, centered in the checkout application. Focus was on java server layer applications, servlets, implementation of rest APIs and business logic.
- Key accomplishments include early design processes for a future checkout rewrite, detangling and improving the legacy backend code to work with a front-end using new technology stack, and implementation of various features within checkout flow.
- Communicated extensively with non-technically oriented members of the company to explain design decisions, discuss limitations in layman's terms, and weigh pros and cons of planned future features.

Macy's Inc / Software Engineer

Aug 2015 - Oct 2019, San Francisco CA

- Performed full stack web development for the macys.com website, focusing mostly on server side changes for various features within the checkout application and others across the site.
- Key accomplishments include the introduction of responsive checkout, two redesigns of store selection overlays across multiple domains of the site, and refinements for buy online, pickup in store initiatives.
- Participated in prototypical and creative labs to gauge the business benefit of new features for the website with metric experimentation, including the online sale of big ticket items.
- Negotiated feature design plans across multiple internal teams for cross-functional projects.
- Drove projects to completion across a variety of functional areas, including legacy code bases, environment deployments, presentations of results, and interfacing with business leaders.

Loudoun County Public Schools / Substitute Teacher

Aug 2013 - Aug 2015, Loudoun County VA

- Substitute teacher across multiple age groups and subjects on an as-called basis. Major takeaways were speaking and presentation skills, and the ability to explain subjects to people with different learning styles and needs.
- Taught subjects including History, English, Music, Math, and Science to predominantly elementary students, in classes of about 25 – 30.
- Proctored Virginia Standards of Learning Tests for middle and high school students.

College of William and Mary / Lab Consultant

Jan 2014 - May 2014, Sep 2014 - May 2015, Williamsburg VA

- Mentored beginning computer science majors in data structures and programming assignments in the department computer lab.
- Advised and assisted students in the nuances of term projects. Guided peers on the nature of the course requirements and helped them navigate the computer science program.

Education

College of William and Mary / Bachelor of Science (B.S.)

Aug 2011 - May 2015, Williamsburg VA

Major: Computer Science.

National Society of Collegiate Scholars, Alpha Lambda Delta honor society, Kanazawa University Short Stay Program 2013