

**SKILLS:** Front-end engineering, React.js, JavaScript, Next.js, TypeScript, HTML5, CSS, Material UI, Node.js, Redux.js, Express.js, Oracle SQL Developer, Jenkins, Ansible, OpenShift, Jira, Bitbucket, Agile Development, Jest, React Testing Library.

**PROFESSIONAL EXPERIENCE:**

**Bank of America: Software Engineer II** **September 2022–Present**

- Selected as finalist for the Enterprise Risk & Finance Technology Innovation Challenge. Idea: "Ops Dashboard" for team operations, connecting several data and reporting sources into one web-app and democratizing the data for enhanced organization-wide operations capabilities.
- Rewrote a jQuery web app using React.js to meet ongoing vulnerability remediation objectives.
- Contribute to development and feature enhancements of a Node.js, React application and write unit tests with Jest and React Testing Library.
- Enhanced my team's testing capabilities by writing documentation, tutorials, and leading team-wide efforts to capture test executions and evidences through platforms like qTest.
- Coordinate the remediation of non-permitted technologies and security vulnerabilities in third-party and proprietary software used within the Bank.
- Code proofs of concept, complex solutions, ensure integration according to acceptance criteria, business requirements and overall business goals, and participate in pull request reviews.

**Bank of America (Contractor, Diversant LLC): Software Engineer** **March 2022–September 2022**

- Wrote a React.js app to automate adjustment and regulatory reporting processes, enabling users to free up to 30 hours a month, ~50 manual file edits, and reduced risk by centralizing data.
- Developed a VSCode Extension using React and TypeScript to support data processing efforts.

**Council on Foreign Relations: Associate Web Developer** **October 2020–March 2022**

- Front-end engineered using HTML5, CSS, JavaScript, React, D3.js, and Node, to develop sites, data visualizations, and internal software for the Editorial and Research teams.
- Developed new features and resolved bugs for the flagship website and other CFR products and tools, under Agile workflow, and overseeing code deployments using CircleCI.
- Engineered data visualization toolchain, allowing graphic designers to create responsive, embeddable static infographics within CFR Editorial articles at the click of a button.

**Council on Foreign Relations: Design Technologist** **April 2017–October 2020**

- Developed CFR's first responsive email newsletters and standardized their UI using MJML, increasing subscribership across the 70+ newsletters.
- Developed a graphics-building command-line tool, leveraging Node.js and D3, for data visualization developers to produce their own high-quality, bespoke interactive graphics.

**Stony Brook University: Adjunct Lecturer** **Seasonal: 2015, 2017, 2022**

- Developed website to showcase student-journalists work on a React and Gatsby website.
- Led undergrad and graduate student trips to Hawaii and New Mexico to instruct journalism as they reported on NASA's geological field research in support of the upcoming Lunar mission.

**EDUCATION:**

B.S. Computer Science, Oregon State University, expected graduation May 2025

B.A. Political Science & Journalism, Stony Brook University, 2014