

**PROFESSIONAL EXPERIENCE:**

**Software Engineer II: Bank of America**

**September 2022 – Present**

- 2nd place regional winner: 2023 Enterprise Risk & Finance Technology Innovation Challenge. Created app connecting data sources for enhanced organization-wide operations capabilities.
- Built React.js app to support configuration and patching activities for risk rating software.
- Spearhead writing end-to-end testing workflow and frameworks into all products for the IRR team.
- Lead remediation of all security vulnerabilities found within all software across the stack.

**Software Engineer Contractor: Bank of America via Diversant LLC**

**March 2022 – September 2022**

- Built a microservice using React.js to streamline transaction adjustments & reporting processes.
- Developed a VSCode Extension using React and TypeScript to support data processing efforts.

**Associate Web Developer: Council on Foreign Relations**

**October 2020 – March 2022**

- Developed features, data visualizations, and internal tools for the Editorial/Research teams.
- Engineered data visualization toolchain, allowing designers to create responsive, embeddable interactive & static infographics within CFR Editorial articles at the click of a button.

**Design Technologist: Council on Foreign Relations**

**April 2017 – October 2020**

- Implemented prototypes for a design system to support CFR.org's graphics redesign.
- Developed data visualizations and interactive slideshows for the CFR Editorial team.

**Web Developer, Instructor: Stony Brook University**

**2015 – 2022**

- Developed website to showcase student-journalists work on Next.js/React websites.
- Led journalistic trips to cover NASA research in support of the upcoming Lunar mission.

**PROJECTS:**

[Concierge](#): Tuning Into Your Music Tastes with the Power of AI

[Vallenato](#): A data visualization generation system

**SKILLS:**

- **Front-end:** React.js, TypeScript, Tailwind, HTML5, CSS, Material UI, D3.js
- **Back-end:** Node.js, Express.js, Next.js, react-query, Prisma
- **VCS:** GitHub, BitBucket
- **CI/CD:** Ansible, Jenkins, CircleCI
- **Databases:** MySQL, Oracle
- **PM:** Agile, Jira

**EDUCATION:**

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

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