

## Skills

Tech: JavaScript ES6, React, Rails, Node.js, Express, git, bash, zsh, *php7*, *d3.js*

Concepts: SEO, Problem Solving, Graphic Design, Data Visualization, Accessibility, Security, Agile

## Experience

### Techtonica

#### *Software Engineer—Contract*

*Sept 2025 – Nov 2025*

- Enhanced a full-stack React & PostgreSQL app with admin login, end-to-end data submission and persistence, data sorting, and CSV download.
- Engaged with both technical and non-technical stakeholders to clarify requirements and updated a non-technical client on project statuses.
- Executed database migrations, configured email alerts on form submission, and established Autho admin login privileges.
- Deployed web app to the render.com production environment with a custom branded domain, reducing the client's monthly web hosting costs by 50%.

### Upstart

#### *Software Engineer, Lending Partnerships*

*Jan 2022 – Feb 2023*

- Streamlined loan processes by updating models to accommodate multiple loans per borrower; tested and implemented validations for internal form submissions in collaboration with Operations.
- Strengthened system security by applying input validation and output sanitization logic through a custom-written gem (including unit tests), addressing vulnerabilities identified in pen testing. Represented the LP team in organization-wide model deprecation and sanitization efforts.
- Drove the design and implementation of an automated, real-time multi-lender performance dashboard using Highcharts React. Eliminated the ballooning time and resource costs of regularly creating excel charts on powerpoint slides for each additional business partner.
- Transitioned document-related queries and methods from the monolith into a microservice API, optimizing data handling and retrieval across services and ensuring data consistency and accuracy.
- Developed curriculum for Upstart Academy to support Early Career Engineers. Assisted onboarding newly hired engineers of all levels through the staging and deployment process.
- Responded to and rectified outages, production errors, and failed jobs during on-call rotations.

#### *Software Engineer Intern, Powered by Upstart*

*Jul 2021 – Jan 2022*

- Led and owned a full-stack React.js and Ruby on Rails form feature development project to allow users to become members of credit unions in compliance with federal CIP regulations.
- Documented new processes and created tooling for engineers to streamline development cycles.
- Collaborated in Rails model deprecation and refactoring effort to enhance system efficiency and to further secure user PII.
- Automated the generation and transmission of fraud reporting data for current and future lending partners via a recurring job, freeing both engineering and compliance effort hours.

### Techtonica

#### *Software Engineer in Training, Apprenticeship*

*Dec 2020 – Jun 2021*

- Designed and launched a [recipe page](#), programmed a [word search game](#), and PERN stack apps including an [endangered animal tracker](#), an [address book](#), and a [network graph task app](#) in full-stack JavaScript.

### Emerge Studio

#### *Design Intern, Design Studio Practicum*

*Jan 2019 – Dec 2019*

- Interviewed and communicated with clients to elucidate non-profit client needs and requirements in a collaborative studio setting.
- Designed 7 posters, 3 logos, and 3 other marketing collateral for non-profit clients.
- Supported web designers and resolved technical issues in wordpress using CSS3 and jQuery.

ResEd, Inc.

*Designer, Internal Team*

*Nov 2016 – Jan 2022*

- Interfaced with a small team of chemists & medical students to develop [\*React! The Organic Chemistry Board Game\*](#). Updated mechanics and interfaces based on user play testing results.
- Led the design of production-ready print layouts, illustrations, web assets, and marketing collateral.
- Communicated with multiple manufacturers to meet quality standards, legally required labeling for international markets, and appropriate production file specifications for consistent products.
- Maintained strong brand presence in physical products, digital marketing, and investor presentations.

## Education

City College of San Francisco

*Certificate of Accomplishment, JavaScript Specialist, 3.50 GPA*

*Jan 2018 – Dec 2019*

*Certificate of Achievement, Digital Illustration, 3.58 GPA*

*Aug 2016 – May 2019*

University of California, Berkeley

*Chemistry (Undergrad B.A.)*

*Jan 2011 – May 2015*