

Satchel Smidt

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Technical Skills

Programming Languages: JavaScript, React.js, Node.js, JQuery, React Native, Ruby/Ruby on Rails, C#, HTML, CSS, SQL (MySQL, PostgreSQL), MongoDB

Tools/Frameworks: REST API, Docker, Heroku, AWS, Git, Postman, MVC, GraphQL, Mobx, Agile Development, Networking (TCP/IP, HTTP, DNS), Test Driven Development (Jest, Enzyme), Data Structures/Algorithms, UI/UX Design Systems, UNIX/Linux Shell

Education

University of Washington

Seattle, WA

Full Stack Software Engineering Certification

Dec 2019

- Intensive 6-month software development course on full stack MERN app development (JavaScript, React.js, Node.js, HTML, CSS)

University of Washington

Seattle, WA

Double Concentration in Management Information Systems & Operations Management

Sep 2015 - June 2019

3.8 GPA (Cum Laude) – Departmental Honors Program | 2015-2019 Annual Dean's List

Relevant Coursework: Application Programming in **C#**, Relational Database Management (**MySQL**), Excel Spreadsheet Modeling, Introduction to Statistical Methods (**R**), Business Data Communications (**TCP/IP**, **HTTP**, **DNS**)

Experience

Web Application Software Engineer Intern

Seattle, WA

Trusted Arms

Apr 2020 – Present

- Spearheaded new company project to develop in-store iPad kiosk application, built with React Native and Ruby on Rails
- Completed initial design/build process of major project *1 month* ahead of schedule using prior tech stack experience
- Replicate design team mockups to incorporate consistent UI/UX across React Native app with CSS flexbox and styling
- Integrate robust security/development features, including unit testing, version/environment control scripts
- Develop REST API endpoints for user authentication, information parsing, search features, and more
- Serve as scrum master for 2-week sprint, tracking team progress and removing blockers

Full Stack Web Development Teaching Assistant

Seattle, WA

Trilogy Education

Mar 2020 – Present

- Use expertise in JavaScript, Node.js, React.js, SQL, HTML, CSS to guide students through full stack web development courses

Technical Analyst

Seattle, WA

Carta

June 2019 – Apr 2020

- Organized and led teams in company-wide hackathon – discovered persistent platform issues, gathered team of engineers and designers to code solution over 24-hour period, and presented fix to 700+ employees
- Discovered and solved bugs in React/Python web app code base
- Managed time-sensitive projects via clear and concise communication with product/engineering teams
- Created customer feedback logs to highlight trends and propose improvements to product team
- Brainstormed plan to improve team training – tested on new hire, who was onboarded 2x faster than previous hires

Data Analyst Intern

Seattle, WA

University of Washington Finance

Jan 2018 – June 2019

- Proposed and completed redesign project for department relational database – analyzed and fixed data redundancy, unneeded tables, and broken functions, and recorded changes in self-created log
- Restored database functionality for entire office by writing in-depth usage guide
- Achieved 100% on-time submission for budget reviews by streamlining report templates in Excel
- Built Excel graphs to track 2019 metrics for report submissions, team trainings, and LEAN/AGILE office goals
- Designed and built team recognition board based on LEAN/AGILE principles, improving participation and morale

Projects

Meal Prepper (Preppy)

Technologies – JavaScript, React.js, Node.js, SQL (PostgreSQL), HTML/CSS

Link – <https://polar-basin-68400.herokuapp.com/>

Full stack JavaScript app that allows a user to create a weeklong meal plan – React.js frontend, Node.js backend, Express server

- Created persistent user auth and session storage using Passport.js, Express Sessions, and custom API endpoints
- Built dynamic rendering for dozens of reusable components
- Designed multipage form to take in a range of complex user inputs and output a readable, actionable user plan