

SKILLS

Programming Languages | Python 3, JavaScript ES6+, TypeScript, C#, SQL, HTML5, CSS3, Ruby
System Design | Monoliths, Microservices, Domain-Driven Design, **RESTful APIs**, Pub/sub, Event-Driven Design
Frontend | DOM Manipulation, **React**, Bootstrap, Tailwind, Chakra UI, Websockets, Highcharts, Figma
Backend | **FastAPI**, **Django 4**, **PostgreSQL**, MongoDB, **JSON**, **NodeJS**, Pandas, CRUD, Asynchronous APIs, Express, **Unity**
Devops | **CI/CD**, Command-Line Tools, **Docker**, Scoping, Documentation, **Git**, **Test-Driven Development**, Cypress, **AWS**, Debugging
Operations | Business Development, **Project Management**, Customer Research, Sales, Marketing, **Scrum**, **Agile**, Accounting, **Jira**

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern | Change Climate Project | changeclimate.org Jun '24 - Present
TypeScript, Python, React, Node.js, Chakra UI, Cypress, CI/CD, Pandas, AWS

- Integrate **high quality TypeScript and React code** to visualize customer data and **create a seamless UX**
- Write **Cypress unit and functional tests** to **automate build processes and continuous integration** with **git** for this **large-scale application**
- Use **Jira** to facilitate **Scrum practices** with teammates in an **Agile environment**, **proactively raising issues** to preempt disruptions in delivery

Founder & CEO | Wadjet LLC | Wadjet.com Apr '20 - Feb '24
Business Development, Product Design, Project Management, Python

- Developed **project management workflows** to produce post-production deliverables for an average of **365 programs annually**
- **Managed day-to-day operations**, communicating with key stakeholders to ensure projects were completed on schedule **93% of the time**
- **Leveraged data analytics systems** to inform decisions and **double revenue every year of operation**
- Devised and executed **sales and marketing strategies** to partner with **12 companies across 5 countries**
- **Managed teams of specialists** to produce **ADA compliant** audio description voiceover for **major streaming services** (Netflix, Disney+, etc)
- **Constantly interviewed customers** to **develop a superior product and capture business** from larger, volume-focused competitors

Firefighter | Telluride Volunteer Fire Department Dec '20 - Sep '22

- Worked under pressure with a **team** to rescue patients from life-threatening **fire and medical emergencies**

RELEVANT PROJECTS

Frontend Engineer | SPA Board Game | FourDogNight.com Sep '24
React, JavaScript, HTML, CSS, Figma

A single page web application that uses React state to present a board game with complex logic.

- Built a board game with **complex and dynamic logic** using React components
- Designed an **aesthetic user interface** with polish and **tasteful microinteractions**

Full Stack Engineer | Booky | Book Club Social Media Platform May '24
FastAPI, React, Docker, JavaScript, Python, HTML, AWS, CI/CD

A book club scheduling app that raises the stakes with a betting system which incentivizes readers to finish their books and win big!

- **Designed, developed and deployed** a RESTful React app using a **FastAPI framework**
- Implemented **asynchronous programming** to craft a **fun betting system** that **positively reinforces user participation**

Developer | Candy Cruisers | Puzzle Video Game Mar '24
C#, Pub/sub, Event-driven design, Unity, Express

A matrix-based action puzzle game which leverages algorithms and data structures.

- Built **N-ary search algorithms** for a **165% efficiency improvement** sorting elements in a **dynamic matrix**
- Created a **pub/sub event system** to architect a modular development environment with **complex decoupled systems**

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program

- Logged **750+ hours of coding time** in this rigorous full stack application bootcamp with a **<3% acceptance rate**

College of the Holy Cross | Bachelor of Arts English | 3.8 GPA