

EDUCATION

Washington University in St. Louis B.S. Computer Science, GPA: 4.0 Second Major in Economics & Minor in Physics Awards: Valedictorian, Frances Dames Award, Outstanding Sophomore Award Selected Coursework: Analysis of Algorithms, Intro to Systems Software, Translation of Computer Languages, Intro to Artificial Intelligence, Intro to Parallel and Concurrent Programming, Intro to Computational Physics, Computational Macroeconomics	May 2024
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EXPERIENCE

Software Engineering Intern – Less Annoying CRM <i>PHP, MySQL, Typescript, React</i> - Overhauled software demo with more complex data and wrote bulk SQL queries to increase demo load time by 40%. - Developed a new field type allowing users to enter currency data. This feature was deployed to over 25,000 users. - Created form sections to group fields together. Sections and the fields within them could be rearranged with drag-and-drop. - Utilized test driven development (TDD) while creating new public API endpoints.	May 2022 — August 2022
Computer Science Instructor – Juni Learning <i>Python, Java</i> - Taught 10 students from 2nd grade to 12th grade topics including turtle graphics and data structures and algorithms. - Personalized curriculum for each student's individual learning needs.	June 2021 — May 2022
Head Teaching Assistant – Intro To Computer Engineering - Acted as an interface between professors and teaching assistants to address teaching assistant's concerns and staff office hours. - Created supplementary materials to ensure teaching assistants were prepared to conduct office hours efficiently.	January 2021 — May 2024

PROJECTS

Personal Website <i>AWS Elastic Beanstalk, Express, Typescript, React</i> Personal website to display projects I have created. Backend is Node.js with Express and frontend is React and Typescript. AWS Elastic Beanstalk is used for hosting the website.	March 2024
Juggle <i>Swift, SwiftUI, Core Data</i> Goal oriented journaling app published to the App Store. The app uses Core Data, StoreKit, push notifications, and SwiftUI. I designed vector graphics for icons and used Figma for UI planning. App is complete with an intuitive onboarding process and analytics dashboard.	August 2023
Sauté <i>Swift, UIKit, Firebase</i> Food journal iOS app published on the App Store. I managed user authentication, image storage, and database design. Proper caching allowed for a responsive and fluid app.	March 2023
Tutor Scheduling Website <i>Django, Python, Javascript</i> Built a full-stack service with Django. Tutors could designate time for their weekly availability, add students, and see scheduled classes. Students could accept tutor invites and schedule sessions with their tutors.	December 2021
Calendar Web Application <i>PHP, AJAX, MySQL, Apache, AWS</i> Built a full-stack online calendar with PHP, AJAX, and MySQL on an Apache server. Accessible on an EC2 instance. Users could securely register and add events to a their personal calendar. Events could be filtered by tag and shared with other users.	October 2021

SKILLS

Languages	Java, C, C++, Python, Swift, Typescript, PHP, SQL, $\text{\LaTeX}$, R, MatLab, Stata
Frameworks & Libraries	React, Django, NodeJS, NumPy, SKLearn, UIKit, SwiftUI