

Anthony Mendez

mendezanthony608@gmail.com | [Buffalo, NY, US](#)

Python | JavaScript | HTML | CSS | Java

[GitHub](#) | [LinkedIn](#)

Education

University at Buffalo, B.S. Computer Science

May 2023

Coursework: Software Engineering, Web Apps, Data Structures and Algorithms, Human-Computer Interaction and Interface Design, Introduction to Machine Learning, Systems Programming, Object-Oriented Programming

Languages and Technologies

Programming Languages Python, JavaScript, Node.js, HTML, CSS, React, C, C++, Java

Proficient Tooling Git, Figma, Docker, MongoDB, Postman

Knowledgeable Web, Cross-Platform, iOS, Android, Algorithms, UX/UI Design, Scrum, Data Storage

Work Experience

Front-End Software Engineer Intern | MemoryFox | (React, HTML, CSS)

Jun 2022 – Aug 2022

- Accelerated development time by 43% by reimplementing React state management and front-end scalability
- Pioneered ~5 UX quality-of-life features, based on feedback that reduce clicks, by 50% in 1 page
- Modernized front-end product code by converting 5+ PHP pages into 12+ React decoupled components
- Initiated 10+ UI design fixes in HTML and CSS by testing on different browsers to identify bugs

Projects

Full-Stack Software Engineer | Code Explainer Tool | (React, HTML, CSS, Node.js, MongoDB) Feb 2022 – May 2022

- Deployed MVP web tool in 13 weeks by coordinating a team of 4 using scrum and guiding engineering
- Led design reviews of tech stack, database, and APIs to satisfy 14 requirements, with engineering and design
- Reviewed code developed by 2 developers, providing feedback on best practices (accuracy and efficiency)
- Optimized front-end and back-end of 2 web pages resulting in reduced rendering time by 43% on 1 page
- Authored 2 documentation docs for use of front-end and back-end tech in project to reduce ramp-up time

Full-Stack Software Engineer | Python TCP Server | (Python, Docker, MongoDB, JavaScript) Aug 2021 – Dec 2021

- Engineered containerized full-stack canvas drawing web app with a custom-built server framework
- Devised an architecture that handled 10+ features between client and server including WebSockets, HTTP templating, encrypting, and authentication, AJAX, file uploads, form parsing, etc

Extracurriculars

Interview TA | CodePath.org | (Python, Java)

May 2022 – Present

- Mentoring ~60 university students on technical interview prep by articulating ~60 data structures and algorithms challenges focusing on test-driven development. Covering trees, dynamic programming, etc
- Conceived 105+ LeetCode questions considering time and space optimization with Python and Java

iOS Tech Fellow | CodePath.org | (Swift, iOS Development)

Jun 2021 – May 2022

- Founded CodePath's "iOS Mobile Development" course at the University at Buffalo and ranked No. 1 on recruitment for Fall 2021 across 20+ schools nationwide
- Produced technical presentations on RESTful API clients, information retrieval, layout, navigation, animations, and system development code, resulting in graduating 95% of two 15-week cohorts of ~30 students

Computer Science Summer Institute | Google | (Python, HTML, CSS, JavaScript)

Jun 2019 – Aug 2019

- Selected as one of hundreds of applicants universitywide for a 4-week software development program based on leadership potential and academic success
- Coded 1 capstone website after solving 18 labs covering the fundamentals of Command Line, HTML, CSS, Python, JavaScript, Google App Engine, and Git