

MATTHEW DAVIS

CONTACT

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github.com/matthewdavi
matthewdavis.co

EDUCATION

New York University, New York, NY
Bachelor of Arts, Computer Science, August 2015 - January 2019
Concentration in Software Engineering, Mathematics
Minor in Philosophy
G.P.A. 3.44

EXPERIENCE

Front End Engineer Mantra Health, New York, NY August - December 2019
Second full-time engineering hire. Working closely with the product team on patient experience and internal tools at an early stage venture-backed telehealth startup.

- Introduced static typing and automated test coverage for the user facing React application.
- Created GraphQL resolvers to unify data fetching for downstream dependencies and in-house data.
- Developed infrastructure for A/B testing via separately deployed git branches.

Front End Engineer Yumi, Los Angeles, CA February - August 2019
Primary front end developer at a venture-backed direct to consumer baby food startup. Responsibilities included conducting technical interviews, mentoring interns, and making JavaScript-related infrastructure decisions.

- Led front-end rewrite of Yumi's internal "Admin Dashboard" tools from PHP to React / TypeScript.
- Rewrote Yumi's checkout-flow using React Router, allowing for easier conversion tracking and AB testing.
- Gradually migrated all class components to function components with hooks.
- Reduced bundle size through code splitting / lazy loading using Suspense, replaced SASS with Styled Components, standardized eslint/prettier config across repositories.

Software Engineering Intern Cornell Tech, New York, NY February - December 2018
Created and maintained several fullstack JavaScript (React/Redux, Node/Express) applications at Cornell University's *Social Technologies Lab*, as part of research into human-computer interaction.

SKILLS / KEYWORDS

HTML5, CSS3, SASS, JavaScript, TypeScript, ReasonML, React, Redux, MobX, Jest, Mocha, React Testing Library, Enzyme, Cypress, Git, Node, Express, GraphQL, jQuery, Wordpress, Bootstrap, CSS-in-JS, Java, Python, Haskell, MATLAB, LaTeX, MySQL, PostgreSQL, MongoDB.

COURSEWORK

Data Structures, Computer Systems Organization, Basic Algorithms, Computational Thought, Numerical Computing, Programming Languages, iOS Development, Applied Internet Technology, Operating Systems, Linear Algebra, Discrete Mathematics, Analysis, Abstract Algebra, Logic.

HONORS AND AWARDS

Triplebyte Certified Front End Engineer (December 2018)
National Science Foundation REU Scholar (Fall 2018)
NYU Intro to Programming teaching assistant (Fall 2017)