

Peter Wu

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Education

Cornell University

Aug. 2019 - 2023

Bachelor's degree, Computer Science

Relevant Coursework: (Fall 2019) Object-Oriented Programming & Data Structures, Discrete Structures, Multivariable Calculus.

(Spring 2020) Functional Programming, Linear Algebra

Skills / Awards

Technologies: JavaScript ES6 - React, Node.js, HTML/CSS, CLI, Git, Java, TypeScript, Express, Firebase, Redux, OCaml, WebSockets (Socket.IO)

Workflow: Git branching workflow, Agile, Continuous integration / deployment

Awards: Cornell Math Contest in Modeling Runner-Up Winner, USA Computing Olympiad Gold Division,

Best Webapp Award at HackMHS IV, USA Biology Olympiad Semifinalist, Science Olympiad NJ States 1st Place Team, Dean's List

Experience

Google, *STEP Intern (ex-Engineering Practicum)*, Mountain View, CA

May 2020 - Aug. 2020

Starting May 2020. Production quality web-development.

Cornell University, *Teaching Assistant*, Ithaca, NY

Jan. 2020 - Current

Course: Trends in Web Development

- Held office hours for students, providing one-on-one tutoring on web development with Node, Express, Firebase, and React.
- Graded and wrote feedback on assignments through a course management system.

Cornell Design & Tech Initiative, *Frontend Developer*, Ithaca, NY

Oct. 2019 - Current

Developer for a software development project team on campus.

- Working on Samwise (<https://samwise.today>), an online student planner, with a team of designers, product managers, and web developers.
- Creating responsive front-end and UI with React interacting with a Redux store, while following the Git branching and CI/CD workflow.

MBS Accounting Technology & Advisory, *Web Developer Intern*, New York, NY July 2018 - Aug. 2019

Worked as a web developer for two summers for the largest outsourced accounting firm in NYC, servicing over 180 firms.

- Developed a mobile-responsive webapp for a "Client Hub" with a React + Express + Node.js stack, building mobile-responsive UI components interacting with backend API endpoints. (2019)
- Assisted in migration of website to the v2 rebranding currently live at mbsata.com, creating design elements with a studio. (2018-2019)
- Developed email marketing templates using HubSpot's HubL syntax, and suggested industry-specific accounting tech stacks. (2018)

Projects

Distributed Texas Hold 'Em Poker | <https://poker.peterwu.dev/>

Webapp made with Node.js, Socket.io, and Express that allows for players across multiple devices to join rooms and play Texas Hold 'Em poker. Game logic was programmed from scratch.

Class Reveal | <https://classreveal.com>

Website made to crowdsource schedule and roster data for students across the school district, reaching over 2,500 students in the district in the summer of 2018. Originally built with Firebase and HTML5, CSS, and JS. The current site is no longer under my control, and may have changed since.

Smart Sieve | <https://goo.gl/iVLszk>

Chrome extension which implements the Clarifai API to analyze images through computer vision, flagging them as safe or unsafe for work. Built with HTML, CSS, and JS.