

Peter Wu

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Education

Cornell University

B.A. Computer Science

Relevant Coursework: (Fall 2019) Data Structures, Discrete Structures, Multivariable Calculus

Aug. 2019 - May 2023

Skills

WEB DEVELOPMENT / DESIGN: (Experienced), React, HTML, CSS, JS, Material Design, (Familiar), JQuery, REST APIs, Firebase

TECHNICAL LANGUAGES / TECHNOLOGIES: (Experienced), Java, Git Bash and GitHub, WordPress, (Familiar), C#, C++, Python, LaTeX, Drupal

Experience

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 in total.

- Developed a mobile-responsive webapp for a "Client Hub" with React, including API integrations with HubSpot CRM and G Suite. (2019)
- Migrated 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 worked with accounting tech stacks. (2018)

Draw a Smile Foundation, *UI/UX Developer*, Clinton, MS

July 2016 - Oct. 2016

Worked as a freelance developer with search engine optimization and UI/graphic design in WordPress for a hunger alleviation nonprofit based in Mississippi (drawsmile.org).

Projects/Apps

TrafficSim | <https://peterwu.dev/TrafficSim/>

Webapp optimizing intersection traffic light cycle times with input data and calculations using physics equations (see paper on website).

Pirate Maps | <https://play.google.com/store/apps/details?id=com.CSI.HSSPirateMaps>

Mapping Android app made with Unity3D, made for helping new students navigate through school, using the shortest path algorithm to find paths between classrooms in a map.

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. Originally built with Firebase and HTML/CSS/JS.

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

Chrome extension implementing the Clarifai API and built with HTML/CSS/JS for the frontend, using machine learning to analyze images, flagging them as safe or unsafe for work.

Activities

Cornell Design & Tech Initiative, *Web Developer*

Oct. 2019 - Current

Developer for a selective project team on campus, working on Samwise (<https://samwise.today>), an online student planner, with a team of designers, product managers, and web developers. Created responsive front-end and UI with React, and gained experience with the Git branching workflow.

Cornell Blockchain, *R&D Team*

Sept. 2019 - Current

Member of the Cornell Blockchain R&D Team, which researches and develops new blockchain technologies and whitepapers.

South Math Club, *Director of Technology*

May 2017 - June 2019

Webmaster of the WW-P Math Tournament website, which draws in over 500 students per year, created with Google App Engine. Rehailed the front-end of the website. (now www.pme.org)

Absolute Coding Club, *President*

Sept. 2016 - June 2019

Led club focused on algorithmic thinking and coding competitions. Created thorough lesson plans for introducing programming to newcomers.

Awards

USACO Gold Division *USA Computing Olympiad*

Dec. 2017

Qualified for the Gold Division in the USACO algorithmic programming contest.

Best Webapp Award, *Major League Hacking | hackMHS IV*

May 2017

Awarded for creating FoodDrop, a webapp made with Firebase and PhoneGap aiming to alleviate food waste and hunger, at the second-largest HS hackathon in NJ.