Peter Wu

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Education

Cornell University Aug. 2019 - May 2023
B.A. Computer Science
Relevant Coursework: (Fall 2019) Data Structures, Discrete Structures, Multivariable Calculus

Skills

WEB DEVELOPMENT / DESIGN: (Experienced), React, HTML, CSS, JS, Material Design, (Familiar), JQuery, REST APIs, Firebase
TECHNICAL LANGUAGES / TECHNOLOGIES: (Experienced), Java, Git Bash, MAGIX Vegas, 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.
- 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).

Awards

USABO Semifinalist, *USA Biology Olympiad* Mar. 2019
Scored within top 500 of the top biology students in the nation on the Semifinal exam.

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.

Activities / Experiences

South Math Club*Director of Technology*
Webmaster of the WW-P Math Tournament website, which draws in over 500 students per year, created with Google App Engine. Rehauled the front-end of the website. (now wwpme.org)

Absolute Coding Club, *President*
Led club focused on algorithmic thinking and coding competitions. Created thorough lesson plans for introducing programming to newcomers.

Projects/Apps

TrafficSim | https://peterwu.pw/TrafficSim/ Dec. 2017
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 Aug. 2017
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 July 2017 - Current
Website made to crowdsource schedule and roster data for students across the school district, reaching over 2,500 students in the district.

Smart Sieve | https://goo.gl/iVLszk Nov. 2016
Chrome extension implementing the Clarifai API, using machine learning to analyze images, flagging them as safe or unsafe for work.