

# Peter Wu

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## EDUCATION

### Cornell University

B.A. Computer Science

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

Sept. 2019 - Current

## WORK EXPERIENCE

### MBS Accounting Technology & Advisory, *Web Developer*, 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, and created design elements for the v2 website currently live at [mbsata.com](http://mbsata.com).

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

July 2016 - Oct. 2016

Worked as a freelance developer (3 hours/week) with search engine optimization and UI/graphic design in WordPress for a hunger alleviation nonprofit based in Mississippi ([drawsmile.org](http://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

### Cornell Blockchain

Sept. 2019 - Current

Member of the Cornell Blockchain club, 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 [wwpme.org](http://wwpme.org))

### Student Technology Help Desk, *President*

Sept. 2016 - May 2023

Led high school tutoring service made to assist those in need of tech help, whether it be students or faculty, within volunteers at each hour of the day and after school. ([wwphsstechdesk.github.io](http://wwphsstechdesk.github.io))

## 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://goo.gl/BQCt9P>

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.