

Michael Xing

EDUCATION

Cornell University

Ithaca, NY | 2017 – 2021

College of Arts and Sciences

Bachelor of Arts in Computer Science and Mathematics

Cum. GPA: 4.15

- Honors Data Structures & OOP
- Functional Programming
- Systems Programming*
- C++ Programming
- Intro Game Design*

- Honors Proofs-Based Linear Algebra
- Honors Proofs-Based Multivariable Calculus
- Discrete Mathematics
- Numerical Analysis*
- Honors Mechanics and Special Relativity

* In Progress

Ardrey Kell High School

Charlotte, NC | 2013 - 2017

North Carolina School of Science and Mathematics (Online)

Durham, NC | 2015 – 2017

A constituent institution of the University of North Carolina

Online Dual Enrollment

SKILLS & AWARDS

Technologies: Java, JavaScript / ES 6, Node.js, Express, React, OCaml, HTML5, PHP, MySQL, C++

Tools: \LaTeX , Git, Mathematica, R, MS Azure, Adobe Premiere & After Effects

Awards: Dean's List, US Universities Debate Eastern Championships 2018 Semifinalist

PROJECTS

Samwise

<https://www.cornelldti.org/projects>

2018 - 2019

Collaborated with project team to design and create a student homework manager with an emphasis on destressing and motivating students. Learned React to implement front-end components.

Cornell Roosevelt Institute Website

<https://cornellrooseveltinstitute.org>

2018

Designed and built web site and management system for a student think tank. Included a public-facing website and a back-end content management system, utilizing Node.JS, Express, and MySQL.

Check In System and Attendance Tracker

<https://go.xingmichael.com/attendance>

2017

Developed a web app utilizing time-dependent QR codes to allow members of an organization to quickly and seamlessly check in to a meeting by scanning their phones, designed to eliminate the possibility of forging another member's presence. Runs off PHP.

Student Management Portal

2016

Planned and created Web-based management portal to streamline management of a 100+ member club, run off PHP and MySQL and custom designed to facilitate daily club activities.

EXPERIENCE

Teaching Assistant for CS 2110 / 2112

(Honors) Object Oriented Programming & Data Structures

Ithaca, NY | Jan 2018 – present

Planned and taught lab sections of over 40 students, tutored students at individual office hours, grading projects and providing feedback to help students improve their skills. During exam season, worked with up to 40 others to grade up to 600 exams per evening.

iD Tech - Instructor

Charlotte, NC | May 2018 – Jun 2018

Taught programming to classes of 6 students aged 10-13. Learned a new language within a week to cover new classes. Achieved over 90% satisfaction on performance reviews.