

# Michael Xing

✉ mx57@cornell.edu  
🌐 <https://xingmichael.com>  
🐙 [github.com/mt-xing](https://github.com/mt-xing)  
🌐 [linkedin.com/in/mt-xing](https://www.linkedin.com/in/mt-xing)

## EDUCATION

---

**Cornell University** College of Arts and Sciences Ithaca, NY | May 2021  
Bachelor of Arts in Computer Science and Mathematics Cumulative GPA: 4.10

- Honors Data Struct. & OOP
- Functional Programming
- Systems Programming
- C++ Programming
- Intro Analysis of Algorithms\*
- Intro Computer Graphics\*
- Intro Game Design
- Discrete Mathematics
- Honors Linear Algebra & Multivariable Calculus
- Numerical Analysis
- Intro Number Theory\*

\* In Progress

## SKILLS & AWARDS

---

Technologies: JavaScript (React, Node.js, Express), Java, OCaml, C++, PHP, MySQL, HTML5  
Tools:  $\LaTeX$ , Git, Mathematica, MS Azure, Adobe Premiere Pro & After Effects  
Awards: Dean's List, US Universities Debate Eastern Championships 2018 Semifinalist

## EXPERIENCE

---

**Facebook** May 2019 – Aug 2019  
Software Engineering Intern Menlo Park, CA

- Improved developer onboarding experience and redesigned backend infrastructure with the Messenger Business People-to-Business API team.
- Communicated product needs to designers; developed and tested new React components for the Application Settings page, resulting in an over 90% drop in error rate.
- Architected and implemented new, more secure token format for backend API calls.

**Cornell Design & Tech Initiative** October 2018 – present  
Technical Product Manager & Frontend Developer Ithaca, NY

- Coordinated developers on project team to design and create a student homework manager with an emphasis on destressing and motivating students.
- Implemented new technologies including React and Firebase.
- Launched to over 200 users.

**Cornell - Teaching Assistant** Jan 2018 – present  
CS 2110 / 2112 - (Honors) Object Oriented Programming & Data Structures Ithaca, NY

- Planned and lectured lab sections of over 40 students, tutored students at individual office hours, grading projects and providing feedback to help students improve their skills.
- Received average rating of 5.0/5.0 from student evaluations.
- Collaborated with up to 45 others during exam season to grade up to 700 exams per evening.

## PROJECTS

---

**Flourish (Game)** <https://onewordstudios.fun> Spring 2019  
Led team of five programmers as software lead to create a video game in Java. Coordinated team meetings, communicated between designers and programmers, and managed code base to deliver a game that won the Faculty Choice Award at Cornell's BOOM 2019 student project showcase and the Audience Choice Award at the GDIAC 2019 showcase, as well as acceptance into BostonFIG Fest 2019.

**Cornell Roosevelt Institute (Website + CMS)** <https://cornellrooseveltinstitute.org> Summer 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.