

# Andy Mina

425 East 25th Street Box #286, Manhattan, NY 10010

(718) 820 2348

andy.mina@macaulay.cuny.edu

github.com/andymina

andymina.com

## Education

### Macaulay Honors College - Class of 2022 | 3.94 GPA

- Double Major: Computer Science, Music
- Daedalus Computer Science Honors Program

### Brooklyn Technical High School - Class of 2018 | 4.0 GPA

- Major: Media Communications and Graphic Design
- Advanced Regents Diploma

## Experience

### Lead Instructor - *CodeAdvantage*, Oct. 2018 - Present

- Taught computer science fundamental to children in grades 1-8 during after-school hours
- Encouraged students to teach one another and share knowledge in order to a collaborative community in the classroom
- Guided students in making their own game with Python

## Projects

### Chime - Personal Project, December 2018 - Present

- Used React Native to create a cross-platform mobile app for iOS and Android that wakes the user up at their stop on public transportation.
- Produced wireframes and design UI/UX with Adobe XD and Adobe Illustrator that served as the foundation of the app.
- Brought wireframes to life through code and helped program the foundation of the app by coding map functionality and location services.
- Technical skills gained: JavaScript, React/React Native, iOS Development, Android Development

### CMS Manager - Personal Project, January 2019

- Engineered a Content Management System (CMS) for websites I've built that allows the owner client to update the site's content as they desire without having to code.
- Used Google's Firebase NoSQL Database to store and update site content with each page refresh.
- Designed the UX in Adobe XD to be clear, concise, and intuitive.
- Technical skills gained: Databases, Object-Oriented Programming, JavaScript, Front-End Web Dev

### Four Function Calculator - Personal Project, July 2018

- Created a simple four function calculator that returns an answer accurate to the thousandths place from scratch.
- Taught myself JavaFX and took advantage of its front-end design tools to create the GUI
- Technical skills gained: Java, Object-Oriented Programming, JavaFX

## Skills

### Languages

- JavaScript (3 yrs)
- HTML/CSS3 (3 yrs)
- Java (2 yrs)
- C++ (1 yr)
- Python (1 yr)

### Frameworks

- React Native
- Bootstrap
- jQuery
- Node.js
- JavaFX

### Design

- Photoshop CS6
- Illustrator CS6
- Premiere Pro CC
- After Effects CC
- Adobe XD CC
- Autodesk Inventor
- Autodesk Maya

## Coursework

- Software Analysis and Design - Honors CS
- Object-Oriented Programming
- Discrete Mathematics
- Data Structures and Algorithms