

Andy Mina

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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

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

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

Skills

Languages

- Python
- Java
- JavaScript
- C++
- HTML/CSS3

Frameworks

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

Design

- Adobe Photoshop CS6
- Adobe Illustrator CS6
- Adobe Premiere Pro CC
- Adobe 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