

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

Senior Representative of the Orchestra - *Brooklyn Tech, Sep. 2017 - Jun. 2018*

- Ensured that all instruments were in tune and all musicians had the appropriate music
- Conducted and led the orchestra during warm-ups and concert rehearsals
- Taught newcomers beginner's music theory and how to play orchestral instruments

Teaching Fellow - *All Star Code, Summer 2017*

- Led a cohort of 20 high schools boys of color at Goldman Sachs, as a part of a six-week summer intensive targeting young minority males for careers in computer science
- Taught students with no prior programming experience how to code in JavaScript and Python
- Aided students in creating and designing responsive websites using HTML and CSS3
- Mentored students in soft skills including networking and interview etiquette

Projects

Chime - *JavaScript, Java, Objective-C, React Native*

- Chime is a mobile app, developed for both Android and iOS, I helped to create using the React Native framework. The app wakes the user up at their stop on public transportation. As founder, I was responsible for UI/UX design, project/team management, and programming the foundation of the app.

Four Function Calculator - *Java, JavaFX*

- This is a simple four function calculator that returns and answer accurate to the thousandths place. This project was developed for my AP Computer Science class as a final project. I taught myself JavaFX which was used to create the GUI.

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

- Analysis and Design - *Honors CS*
- Analysis and Design Lab - *Honors CS*
- Calculus I - *Honors Math*
- Rhetoric in Writing - *Honors English*
- The Arts in NYC - *Honors Seminar*