





# Jorge Robles

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 <https://github.com/Jorge-D-Robles/projects>

## EDUCATION

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|---|--|
| <b>Queens College</b><br><i>Bachelor's in Computer Science</i>                        | December 2023<br><i>Current GPA: 3.4</i> |
| <b>Ithaca College</b><br><i>Master's in Music Education (15/30 credits completed)</i> | August 2021<br><i>GPA: 4.0</i>           |
| <b>Queens College</b><br><i>Bachelor's in Music Education</i>                         | January 2020<br><i>GPA: 3.4</i>          |
| <b>New York State</b><br><i>Initial Teaching Certificate, K-12 Music</i>              | January 2020                             |

## SKILLS

**Languages:** Python, Java, HTML/CSS, JavaScript, C++, C  
**Tools:** Git/GitHub, Unix Shell, IntelliJ IDEA, VS Code, Software Design Patterns, Artificial Intelligence  
**Additional Skills:** Education, Public Speaking, Leadership, Coaching and Mentoring, Team Management, Strategic Leadership, Performance Management, Learning Methodologies, Music Production.

## PROJECTS

- Music Lesson Schedule Builder** | *Java, IntelliJ IDEA, Python* October 2022/July 2023
- Programmed a custom schedule generator in both Java and Python for a school's music pull-out lessons, shuffling and randomizing 20 different lesson groups to comply with certain scheduling limitations as well as allowing for user-set parameters in terms of weeks, days off, and start dates. The Java version utilizes fundamental concepts of Object-Oriented Programming as well as implements a complete GUI using the Swing library. The Python version has similar functionality with a command-line interface style. *Exported to CSV.*
- CUNYFirst Class Enroller** | *Python, Selenium, Web Automation* March 2023
- A Python-based automation tool designed to assist users in course enrollment. The program intelligently matches the user's current schedule with their desired schedule, enrolling or swapping classes as they become available. This project serves as a practical application of automation for educational purposes using the Selenium web driver.

## EXPERIENCE

- Code For All Workshop Developer - Queens College** | *Software Development* Jan 2023 - Present  
Plan and host occasional workshops for Computer Science students related to coding as a founding board member of coding club "Code for All".
- Music Teacher - NYC Dept of Education, New York, NY** | *Education* Aug 2021 - Sept 2022  
Planned and implemented a General Music curriculum for Grade 7 that focuses on digital literacy and composition through using applications such as Apple's Garage Band and Google's Chrome Music Lab.
- Assistant Music Teacher - Roosevelt Union Free School District** | *Education* Jan 2021 - Aug 2021
- Substitute Teacher - NYC Dept of Education, New York, NY** | *Education* Feb 2020 - Jan 2021
- High School Student Teacher - NYC Dept of Education New York, NY** | *Education* Jan 2019 – June 2019
- ACSM Undergraduate Big Band Founder and Director - Queens College** | *Founder* Oct 2017 - Dec 2019  
Conducted and created the Aaron Copland School of Music Undergraduate Big Band, a college-level jazz band that played professional quality music two to three times per semester, culminating in a final presentation after each semester.