

JORGE ROBLES

+13474303990 | me@jorgerobles.com | linkedin.com/in/jorge-d-robles/
github.com/Jorge-D-Robles/projects

EDUCATION

CUNY - Queens College
Bachelor's, Computer Science

July 2022 - December 2023

CUNY - Queens College
Bachelor's, Music Education

August 2015 - January 2020

PROFESSIONAL EXPERIENCE

Jorge Robles
Freelance Software Developer

New York, NY, USA
September 2022 - Present

- Developed a custom schedule generator for a school's music pull-out lessons in Java and Python, automating a process that saved hundreds of hours of manual scheduling, tailored to the school's unique requirements, demonstrating adaptability and analytical problem-solving skills.
- Planned a web-based inventory management system for a school's music program, producing comprehensive blueprint and design specifications for future implementation, showcasing cross-functional communication and documentation skills while leveraging full-stack JavaScript.

CUNY - Queens College
Code For All Workshop Developer

New York, NY, USA
January 2023 - Present

- Led monthly workshops for 40+ students on topics such as setting up a development environment, expanding beyond the college curriculum, and preparing for technical interviews, fostering continuous learning and adaptability in software engineering.
- Utilized a cross-functional approach to deliver workshops covering front-end (UI/UX, React.js) and back-end (Node.js, Python) development, incorporating user feedback and testing to improve the user experience.

New York City Department of Education
Music/Band Teacher

New York, NY, USA
August 2021 - September 2022

Roosevelt Union Free School District
Assistant Band Director

Roosevelt, NY, USA
January 2021 - August 2021

New York City Department of Education
Substitute Teacher

New York, NY, USA
January 2020 - December 2020

PROJECTS & OUTSIDE EXPERIENCE

Web Automation Project
Lead Developer

March 2023 - April 2023

- Accomplished automated course scheduling and tracking akin to popular application Coursicle, measured by the
- system's capability to intelligently match and enroll students into their desired schedules while handling edge cases
- and sending real-time notifications. Leverages Selenium WebDriver for browser automation and employs a
- user-friendly approach to navigate the web platform. Integrates both Twilio and Discord webhooks to provide
- instant text message alerts.

Music Lesson Schedule Builder
Lead Developer

October 2022 - July 2023

- Developed a custom schedule generator for a school's music pull-out lessons, as measured by the successful
- randomization and compliance of 20 lesson groups with user-defined parameters. Improved efficiency with a 99%
- reduction in total time spent creating lesson group schedules prior to Schedule Builder. Leveraged Java's
- Object-Oriented Programming concepts and implemented a comprehensive GUI using the Swing library for the
- Java version, and by adopting a command-line interface for the Python version.

SKILLS & INTERESTS

Skills: Python, Java, JavaScript, C/C++, Git, HTML/CSS, MySQL, SQL, React.js, Node.js, Express.js, Web Development, Agile, AI, Backend Development, Shell, REST APIs, Flask

Interests: Music Production, Music Composition in Video Games and Films, Education Technology, Hiking, Small Pets