





Name

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 <https://github.com/>

EDUCATION

Queens College <i>Bachelor's in Computer Science</i>	December 2023 <i>Current GPA: 3.4</i>
Ithaca College <i>Master's in Music Education (15/30 credits completed)</i>	August 2021 <i>GPA: 4.0</i>
Queens College <i>Bachelor's in Music Education</i>	January 2020 <i>GPA: 3.4</i>

SKILLS

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

PROJECTS

- Music Lesson Schedule Builder** | *Java, IntelliJ IDEA, Python* 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.
- CUNYFirst Class Enroller** | *Python, Selenium, Web Automation* March 2023
- Accomplished automated course enrollment for CUNYFirst users, 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 human-like approach to navigate the CUNYFirst platform. Integrates both Twilio and Discord webhooks to provide instant text message alerts.

EXPERIENCE

- Freelance Software Developer - Middle School Music Dept** | *Software Development* Present
- Designed and 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.
 - Accomplished the initial planning for a web-based inventory management system, as measured by a comprehensive blueprint and design specifications, by leveraging full-stack JavaScript for its future implementation.
- Code For All Workshop Developer - Queens College** | *Software Development* Jan 2023 - Present
- Led monthly in-person workshops for 40+ students pertaining to Software Engineering with topics including: "Setting Up a Development Environment", "Learning Beyond the College Curriculum" and "Preparing For Technical Interviews" as well as weekly online sessions for 30+ students covering technical interview preparation through the Leetcode platform.
- Music Teacher - NYC Dept of Education, New York, NY** | *Education* Aug 2021 - Sept 2022
- Planned and implemented a highly successful General Music curriculum for Grade 7 that focuses on digital literacy and composition through using software applications such as Apple's Garage Band and Google's Chrome Music Lab.
- Assistant Music Teacher - School District** | *Education* Jan 2021 - Aug 2021
- Substitute Teacher - NYC Dept of Education, New York, NY** | *Education* Feb 2020 - Jan 2021