

# Michael Mulieri

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## TECHNICAL SKILLS

Languages - **Python, JavaScript, HTML, CSS**, Frameworks/Libraries - **Flask, React, Bootstrap**, Database - **MySQL**

## TECHNICAL PROJECTS

**Dream Board Customs** | Full Stack Developer | [github.com/MichaelMulieri/Dojo](https://github.com/MichaelMulieri/Dojo) Project

Sales site for guitar effects pedals

- Designed UI with CSS, JavaScript, HTML and Bootstrap for easy navigation
- Developed back-end functionality using Python and Flask to allow user registration and database queries
- Created an integrated MySQL database that saves user data and facilitates backend access to user data
- Implemented user info validation ensuring passwords and email meet pre-determined criteria via REGEX and validation methods
- Utilized an Email API via SendGrid to seamlessly contact users upon checkout for receipt and order confirmation

**Opentrons** | Open-source contributor | [github.com/MichaelMulieri/opentrons](https://github.com/MichaelMulieri/opentrons)

Lab Robot Web Application with a front-end utilizing React, Typescript, JavaScript, and CSS

- Undertook tickets for open front-end issues, effectively refactored string attributes, updated state of pointer upon hover in specified areas
- Navigated large codebase to locate and correct known issues subsequently gaining familiarity of basic functionality of the web app
- Followed Opentrons git flow to pull codebase, create new branch, add, commit and push changes resulting in successful merges
- Corresponded with Opentrons team on merge conflicts and alterations to contributions leading to proper correction of conflicts

## PROFESSIONAL EXPERIENCE

**Police Officer** | New York City Police Department | Queens, NY | 2015 - 2022

- Conducted preliminary investigations at scenes of major crimes following protocol for securing crime scenes, gathering evidence and questioning witnesses
- Engaged with local citizens and community leaders to discuss strategies to improve quality of life concerns followed by implementation of plans
- Developed organizational system for case records, reports, and summonses promoting preparedness for court appearances

**Manager** | Anderson Merchandisers, LLC | Long Island, New York | 2014 - 2015

- Supervised multiple locations to enforce high-quality standards of operation
- Met deadlines by proactively managing individual and team tasks and streamlining processes
- Onboarded new hires with training ensuring new team members possessed the needed tools for success
- Established adaptability by adjusting job assignments and schedules to keep pace with dynamic business needs

**Audio Engineer** | Sabella Studios | Roslyn Heights, New York | 2006 - 2015

- Used Pro Tools in conjunction with out board analog gear to record, edit, mix and master music
- Collaborated with producers and artists in a team setting to determine and achieve desired sound for productions
- Managed a small team of assistant engineers and interns, provided additional training where applicable
- Learned common error codes in order to solve software issues fast and efficiently

## EDUCATION

**Coding Dojo** | Full-Stack Developer Certificate | Remote | 2022

An immersive Full-Stack Training Program in Web Development

**SUNY Purchase** | Bachelor's in music (Studio Production) | Purchase, New York | Magna Cum Laude | 2004

Studied digital and analog recording and production