MICHAEL ZACHOR

SOFTWARE ENGINEER

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EDUCATION

New York University Tandon School of Engineering, Brooklyn, NY
- Master of Science in Computer Science   expected Dec 2022
- Bachelor of Science in Integrated Design & Media   expected May 2022

EXPERIENCE

Web Developer

United Nations Development Programme, Remote   Nov 2021 -
- Develop improved website for The Lion's Share Fund
- Use HTML/CSS to create web pages based on graphic model
- Ensure website communicates organization's mission

Algorithms Teaching Assistant

NYU Tandon Computer Science, Brooklyn, NY   Sep 2021 -
- Analyze sorting/selection/hashing/searching algorithms
- Analyze min-spanning trees, single-source shortest paths
- Grade weekly homework and help students in office hours

"Rate Killington" Social Media Site

NYU Tandon Dynamic Web Apps Course   Nov 2020 - Dec 2020
- Created website for rating ski resort trails and activities
- Used Node.js for backend, React.js & HTML/CSS for frontend
- Host API on Heroku and site on Netlify, save data on Firebase

Research Assistant

NYU Ability Project, Brooklyn, NY   June 2020 - Aug 2020
- Created API for musical gadget for use with Google Chrome
- Used React.js to connect gadget to Chrome via Bluetooth
- Designed online synth instrument using Tone.js
- Researched intersection between disability and music tech

Enrollment Specialist

NYU Tandon Online, Brooklyn, NY   Jan 2019 - May 2021
- Displayed expertise in NYU Online MS application process
- Provided clients with information by phone and email
- Trained new employees as longest-serving team member

RELEVANT COURSES

- Data Structures
- Object Oriented Programming
- Design & Analysis of Algorithms
- Principles of Database Systems
- Dynamic Web Applications
- Programming Languages
- Information Visualization
- User Experience

CODING LANGUAGES

- Python
- C++
- JavaScript
  - React.js
  - Node.js
- HTML/CSS
- Java
- Haskell

OTHER SKILLS

- Fluent Polish
- Conversational Spanish
- Microsoft Office, G Suite
- Reaper, Max MSP, GarageBand
- Figma, Adobe Premiere Pro
- Asana, Salesforce, Slack