Michael DelGaudio

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Portfolio: delgaudiomike.com | **LinkedIn:** linkedin.com/in/michael-delgaudio | **GitHub:** github.com/mikedelgaudio

EDUCATION

Stevens Institute of Technology, Hoboken, NJ   Expected May 2023
Bachelor of Science in Computer Science | GPA: 3.65 / 4.00
Courses: Data Structures, Algorithms, Systems Programming, Agile Methodologies
Accolades: Edwin A. Stevens Scholarship, Dean's List

TECHNICAL SKILLS

Front End: JavaScript, React, TypeScript, Angular, Next.js, HTML, CSS
Back End: Node.js, Java, Python, Bash, PostgreSQL, REST APIs
Deployment: Docker, GitHub Actions, Git, Google Cloud Platform
Testing Frameworks: Selenium, JUnit, Postman

WORK EXPERIENCE

Colgate-Palmolive Company, Piscataway, NJ   January 2020 – Present
Application & Software Developer Intern
- **Orchestrated the elimination of manual testing** by performing automatic Jasmine unit and integration tests with GitHub Actions CI
- **Streamlined issue tracking** allowing QA Google form submissions to post automatically into GitHub Issues
- **Improved quick order performance by 50%** using optimistic rendering with Angular and NgRx state
- **Pioneered a full-stack application** providing social networking between remote employees during COVID-19 using Angular and Express

U.S. Southern District of New York Probation, New York, NY   June – August 2019
Web Developer Intern
- Documented and resolved web accessibility weaknesses to **achieve a 99% Google Lighthouse accessibility score**
- Initiated web projects with Git version control for code conflict resolution and **provide backups every 12 hours**
- Optimized responsive UI components using the JavaScript DOM and CSS3, **preventing unexpected behavior on mobile devices** and Internet Explorer

PROGRAMMING PROJECTS

Bullish Bay – Financial Stock Evaluator Website   *https://bullishbay.delgaudiomike.com*
- **Designed a modular front end** with Angular for component separation and conditional rendering
- Implemented RESTful API routes in Express to **bridge data communication between client and financial API**
- Architected GitHub actions to **compile and deploy code on Microsoft Azure servers automatically**

WeatherFlash – Geolocation Weather Reporter Website   *https://weatherflash.delgaudiomike.com*
- Prototyped a lightweight Next.js/React application **providing a friendly user interface** for a snapshot of current weather data from an external API
- **Enhanced weather data accuracy** by utilizing the client's geolocation as an alternative query option

Bullish Bay Bot – Financial Discord Chatbot   *https://github.com/mikedelgaudio/Bullish-Bay-Discord-Bot*
- **Engineered a chatbot** that users can interact with for daily Wall Street news updates utilizing the Discord API and NodeJS
- **Containerized application with Docker** for runtime consistency and ease of deployment on Unraid server

LEADERSHIP EXPERIENCE

Stevens Institute of Technology, Hoboken, NJ   August 2019 – December 2019
Academic Support Center Peer Tutor
- Tutored numerous students in introductory computer science classes, providing them with exam review documents and final project guides

U.S. Citizen