

# 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.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://github.com/mikedelgaudio/WeatherFlash>

- 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

## ACTIVITIES

**Google Developer Student Club** – Software Engineering Team Member

August 2020 – Present