

Andrew Nguyen

Staten Island, New York 10303 • (646) 287-5196

andrewnguyen2100@gmail.com • <https://www.linkedin.com/in/andrew-nguyen-> • <https://github.com/AndrewNguyen21>

<https://andrewnguyen.dev/>

EDUCATION

Macaulay Honors College at the College of Staten Island/CUNY

Staten Island, New York

August 2018-June 2022

- *Bachelor of Science Degree in Computer Science*
- *Cumulative Grade Point Average 3.75*

RELEVANT COURSEWORK

- Web Development
- Mobile App Development
- Object Oriented Software Design
- Database Systems
- Data Structures
- Software Engineering
- Operating Systems
- Computers and Programming
- Intermediate Programming
- Analysis of Algorithms
- Calculus I, II, III
- Discrete Mathematics

SKILLS

Programming: HTML, CSS, JavaScript, Typescript, SASS, C++, NoSql, MySql

Tools and Technologies: React, Angular, Ionic, Node.JS, Express, MongoDB, NPM, GraphQL, Firebase, Apollo Client, XCode, Visual Studio Code, Microsoft Office Suite

EXPERIENCE

The Clorox Company

New York, NY

Full Stack Developer Intern

June 2021-August 2021

Learned version control using Bitbucket, project management through Jira, launching microservices using Docker, expanded on React.js knowledge, introduced to Olympus tech stack, and learned industry best practices for programming.

- Improved user experience by adding the error boundary feature which catches unforeseen errors.
- Performed quality assurance by clearing errors and warnings in codebase which resulted in quicker load times of the Brita website
- Resolved an issue in which a microservice reported unfound products by discovering a specific microservice was only compatible with one website

TECHNICAL PROJECTS

Memories, Full-stack Web Application

February 2023

- Full-stack social media web application with CRUD functionalities, allowing users to create/delete, like/dislike, comment, and search posts
- Front-end: built with javascript and implements React.js. Material UI was implemented for styling and responsiveness. Redux was also implemented to handle all state changes which occur on the app. The front-end is hosted by netlify.
- Back-end: built with express and the database is hosted by mongoDB. The back end handles the user data along with data regarding new and existing posts. The back-end is hosted by Heroku.

Tech Talent Pipeline Residency Full Stack Development Bootcamp

New York, NY

Software Developer Student

January 2021-June 2021

• *Learned in-demand technologies such as Node.js, Express, MongoDB, and PostgreSQL in order to interface with a database via API endpoints and then rendering images on a custom-built website using React.js*

• Applied industry best practices for design, implementation, and deployment of architectural patterns such as Model-View-Controller, and version control with Git/GitHub

• ***Food Mood, Full-stack Web Application – TTP Capstone Project***

January 2021

- implemented a full-stack web application in a team of 3 to help users discover and save recipes by accessing a recipe API using Axios to attain JSON data, building user interface with front-end tools (HTML, CSS, JavaScript, and React.js), and establishing connection to a database with back-end tools (MongoDB, GraphQL, and Apollo) which allows user registration/login and archive recipes
- specific tasks which were completed include writing pseudo code, developing the register/login feature, the single recipe page, and assisted with development of other features and pages

AWARDS & HONORS

Macaulay Honors University Scholar, Full 4-year tuition merit scholarship

August 2018–May 2022

Dean's List, Maintaining a 3.5 or above GPA

August 2018-Present