

Andrew Nguyen

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EDUCATION

Macaulay Honors College at the College of Staten Island/CUNY

Staten Island, New York

- *Bachelor of Science Degree in Computer Science, expected June 2022*
- *Cumulative Grade Point Average 3.6*

RELEVANT COURSEWORK

- Web 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, Node.JS, Express, C++, MongoDB, MySQL

Frameworks and Libraries: React, Redux, NPM, JQuery, GraphQL, Apollo Client

Technologies: XCode, Visual Studio Code, Visual Studio, Heroku, MySQL Workbench, Microsoft Office Suite,

EXPERIENCE

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 of React.js which displays a fallback page in place of a blank page when there is an error deployed
- Performed quality assurance by clearing errors and warnings in the codebase that appeared on the web console which resulted in quicker load times of the Brita website.
- Discovered that a reported missing product issue was caused by Brita using a microservice designed specifically for a different storefront

TECHNICAL PROJECTS

Tech Talent Pipeline Residency Full Stack Development Bootcamp

New York, NY

Software Developer Student

January 2021-Present

• *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

• ***Social Media App, Full-stack Web Application***

January 2021

- developed a full-stack CRUD web application which mimics a social media app that allows users create/delete posts, like/dislike posts, and comment.
- The user interface was created using front-end tools (HTML, CSS, JavaScript, and React.js) and MongoDB was selected to host the database with GraphQL and Apollo being used to establish the connection.

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