

Samuel B. Clark

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EDUCATION

The University of North Carolina at Chapel Hill - Chapel Hill, NC
Full-Stack Coding Boot Camp

December 2021 - June 2022

Appalachian State University - Boone, NC
Bachelor of Science in Chemistry
Concentration: Biochemistry, Minor: Biology

August 2017 - August 2021

SKILLS

- **Languages:** Javascript, SQL, HTML/CSS
- **Technologies:** Node.js, Express.js, React.js, REST, GraphQL, JWT, MVC
- **Databases:** MySQL, MongoDB
- **Frameworks:** Sequelize ORM, Mongoose ODM, Jest, Handlebars.js, JQuery
- **Tools:** Git, GitHub, GitLab, Heroku, Postman, Bash

PROJECTS

D&D Character Creator - [GitHub](#)

- Assembled a website that allows users to create accounts that design and organize Dungeons and Dragons characters online instead of writing out physical copies
- Used React.js and component libraries to design the front-end of the application
- Built back-end server with Express.js and Node.js and Mongoose ODM, GraphQL, and Apollo Server were used to communicate with a MongoDB database

Social-Media-Backend - [GitHub](#)

- Generated a back-end framework for a social media app that permits users to create an account, add friends, post on the site, and react to posts
- Constructed a RESTful API using an Express.js server, Node.js, and Mongoose ODM to receive and upload data to MongoDB

Friendless-in-Seattle - [GitHub](#)

- Collaborated with colleagues to produce a social media website where users set up an account, connect with others with similar interests, and initiate conversation with those users via chat window
- Front-end was created with Handlebars.js and CSS
- A RESTful API was built using an Express.js server, Node.js, and Sequelize ORM to receive and upload data to a MySQL database

WORK EXPERIENCE

Novozymes - Franklinton, NC

September 2021 - Present

Research Associate

- Applied agile methodologies to complete projects to find innovative ways to use Novozymes enzymatic products in partnered organizations' goods
- Execute daily lab activities and implement optimized processes for efficient documentation and accurate data
- Participated in the technical factor to determine if a Novozymes product was functioning properly in a partner's beverage that resulted in contract renewal

Exela Pharma Sciences - Lenoir, NC

May 2020 - July 2020

Analytical Chemistry Intern

- Prepared and standardized (through titration) reagents needed for testing raw materials used in making pharmaceutical products
- Lead group of other interns in completing internal assignments meant to improve efficiency in the lab