

# MAKAYLA ANDERSON-TUCKER

Email: [makayla.anderson.tucker@gmail.com](mailto:makayla.anderson.tucker@gmail.com)

GitHub: [makaylacodes](#)  
[Portfolio](#)

## EDUCATION

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**Southern New Hampshire University** | B.Sc. Computer Science

**Relevant Coursework:** Full Stack Development, Operating Systems, Data Structures and Algorithms, Mobile Architecture and Programming, Software Security, Systems Analysis & Design, SDLC, Testing and QA

## SKILLS

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**Languages:** C++, HTML/CSS, Java, JavaScript, JSON, TypeScript

**Technologies:** Express, Eclipse, Docker, Git, JUnit5, MongoDB, Mongoose, Node, React, Redux, Visual Studio, Visual Studio Code

**Concepts:** Agile Principles, CI/CD, Debugging, Kanban, OOP, RESTful APIs, Responsive Design, Unit Testing

## PROJECTS

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**Phonebook** | *CSS, Express, JavaScript, MongoDB, Mongoose, Node.js, React.js* [GitHub Repository](#) [Live Demo](#)

- Developed a full stack web application that allows users to store and search for their contacts on the platform.
- Designed and built a RESTful API that performs CRUD operations on the contacts stored in a MongoDB database.
- Built the server using Express.js/Node.js and used custom middleware functions to handle errors and error logging.

**To-Do List** | *CSS, Express, JavaScript, MongoDB, Mongoose, Node.js, React.js* [GitHub Repository](#) [Live Demo](#)

- Developed a to-do list as a full stack web application that allows users to add tasks and change their importance status.
- Designed and built a RESTful API in the server to perform CRUD operations on tasks stored in a MongoDB database.

**Country Data** | *CSS, JavaScript, React, REST Countries API* [GitHub Repository](#) [Live Demo](#)

- Integrated the REST Countries API into a React web application that allows users to search for specific countries and view its data.

**Shopping Cart** | *Express, Node, React, TypeScript, FakeStore API* [GitHub Repository](#) [Live Demo](#)

- Created a webpage for an e-commerce shop that allows users to add or delete items from their cart. Integrated the FakeStore API into the web app to populate the store with dummy data/products.

**Appointment API** | *Java, JUnit5* [GitHub Repository](#)

- Designed an API that allows users to add, update, and/or delete appointment objects in their applications by utilizing in-memory data structures and RegEx for data validation.
- Wrote tests in JUnit 5 to verify that each endpoint worked properly and verified with Postman.

**Photo Gallery** | *HTML, CSS* [GitHub Repository](#) [Live Demo](#)

- Designed a Photo Gallery webpage that demonstrates mastery of flexbox using HTML and CSS.

## WORK EXPERIENCE

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**Allana, Buick, & Bers** | Administrative Assistant

*12/22 – Present Seattle, WA*

- Created detailed search functions to allow managers to easily and quickly query for specific project information in our database, Deltek.
- Implemented a site visit reporting system by utilizing Smartsheet, which decreased late reports by about 35%, improved team's efficiency, and created more opportunities for collaboration.
- Collaborated with the executive assistant to create office policies and procedures as well as an admin onboarding guide.
- Proactively pursued cross-training as a project accountant and enhanced expertise in Building Envelope equipment and testing to better support our Pacific Northwest offices.