

Dominick Founds

Education

Kennesaw State University

GPA: 4.00/4.00

Masters of Science in Software Engineering

December 2023

Kennesaw State University

GPA: 3.6 / 4.00

Bachelor of Science in Psychology

Graduated: July 2021

Relevant Skills: React, Typescript, Node, Express, Javascript, SQL, Redux, Go, Jest, CI, CSS3, HTML5, ES6, Git, Agile, React Testing Library, Java, JUnit

Work Experience

- **Full Stack Engineer** *NEAARRD Lab* 2021 – 2023
 - Deployed full-stack web applications for the use of monitoring cognitive skills within a subset of a target population.
 - Actively engaged end-users and product managers to better understand and improve web applications.
 - Utilized a combination of Javascript, Node, HTML5, and CSS3 to implement full-stack solutions
- **Research Assistant** *BARnGRIL Lab* 2021 – 2023
 - Wrote C++ code for psychological tasks using the Allegro5 game library.
 - Analyzed large and complex EEG datasets with MATLAB and EEGLAB
 - Presented research at undergraduate conferences

Projects

- **RecipIs.**
 - Recipe saving application for copying and pasting **rich-text** recipes and saving them built with **React, Typescript, Go, and MongoDB.**
 - Utilized **Redux** for state management.
 - Used **React-Query** for data fetching.
 - Implemented **JWT** tokens for authorization.
 - configured **AWS** and **S3** buckets to store user images.
 - Practiced **Test Driven Development (TDD)** methodologies.
- **Task Bounty**
 - Project and Task management web application developed with **React, Typescript, Go, and Chakra-UI.**
 - Deployed **Go** server to **Fly.io** and implemented **CI** tools for **Continuous Integration.**
 - Implemented **REST API** for communication between client and server.
 - Unit tests using **Vitest** and **Jest.**
- **xiv-minion-dex**
 - Pokédex-like application for loading and querying all Final Fantasy XIV© minions built with **React, Typescript, Chakra-UI, and Redux,** powered by **ffxivcollect API.**
 - Developed **debounce** hooks to reduce the number of **API** calls.
- **Portfolio Website**
 - Developed a website for my portfolio and projects, built with **React, Typescript, Chakra-UI**
- **Tarot Cake**
 - Tarot Card web-application built with **React, Typescript, Node, Express, MongoDB, and CSS3.**
 - Utilized **Framer Motion** to create high quality card flip animations.