Benjamin Lewis

Front End Developer

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Profile

Passionate about programming, I have learned several languages, which I practice through doing projects and building websites. I am acutely aware when a process could be improved and am committed to finding a solution. I am interested in learning more about computer science and making a lasting impact in computing.

Projects

Eventador - https://www.npmjs.com/package/eventador
- Event manager that adds more options to the standard events in js
- Provides easy support for multi-key press events
- Works with any js framework

DuckTyper - https://www.npmjs.com/package/ducktyper
- Type manager for maintaining input validation in large scale js projects
- Utilizes duck typing to allow high re usability of types/typed functions
- Makes js code base easier to read

Usability-Tracker - https://www.npmjs.com/package/usability-tracker
- Used to reduce the need to expensive usability-testing
- Easy to export data that can be handled in large chunks or in bulk
- Supports rudimentary playback of user actions in js

Work Experience

Frontend Developer Full-time – PowerN   NC Jan 2021-Present
- Lead the technical development of the front end team
- Helped conduct the weekly sprint meetings
- Designed the front end architecture for an industry level product
- Helped hire and train new interns
- Managed the overall technical development of the web application

Teachers Assistant MATLAB – NC State University, Raleigh,   NC Aug 2020-Dec 2021
- Taught Lab sections of 50 students to help them better understand material
- Made decisions to make the lab time a more efficient environment for learning
- Helped many students see an increase in grade of up to 20%

Education

North Carolina State University, Raleigh,   NC December 2022
B.S. in Computer Science, Minor in Mathematics
GPA: 3.5/4.0

Relevant Coursework

Introducing to Computing - MATLAB, Intro to Computing - Java, Intro to Computing Environments, Software Development Fundamentals, Data Structures and Algorithms, C and Software Tools, and finally Automata, Grammars, and Computability.

Skills

Languages: JavaScript, typescript, golang, python, java, c, assembly, shell, MATLAB, Haskell, PHP, HTML, CSS

Technical: AWS, cPanel, Spring, eclipse, linux, mongoDB, gin, node, OOP, functional, React, axios, potree, three.js, nativescript, jquery, styled-components, heroku, docker and redux

Interpersonal: Focused on finishing tasks before deadlines and maintaining a well-developed schedule; Able to articulate and convey confusing concepts; Ensures that given instructions are understood clearly. Overall hardworking, personal, curious, creative, and inventive.