

Benjamin Lewis

Full Stack 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

DuckTyper - <https://www.npmjs.com/package/ducktyper>

- Type manager for maintaining input validation for large scale js projects
- Utilizes duck typing to allow high re-usability of types/typed functions
- fast, clear, and easy to read input validation

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

Usability-Tracker - <https://www.npmjs.com/package/usability-tracker>

- Used to reduce the need for expensive usability-testing
- Easy to export user data, which can be handled in chunks or in bulk
- Supports rudimentary playback of user actions in browser

Work Experience

Frontend Developer Full-time - PowerN NC

Jan 2021-Present

- Lead the technical development of the front end team
- 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

May 2023

B.S. in Computer Science

GPA: 3.5/4.0

Relevant Coursework

Operating systems, Social computing and decentralized artificial intelligence, Data Structures and Algorithms, C and Software Tools, Software Development Fundamentals, Automata, Grammars, and Computability

Skills

Languages: JavaScript, typescript, go, python, java, c, assembly, bash, MATLAB, Haskell, PHP, HTML, CSS, nativescript

Technical: AWS, cPanel, Nestjs, mongoose, IFC.js, Spring, eclipse, linux, mongoDB, gin, node, OOP, functional, React, axios, potree, three.js, jquery, styled-components, heroku, docker, redux, SQL, angularjs, agile development, UML, multi-threaded, and asynchronous software.

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.