LEANET ALFONSO AZCONA

✉ leanetalfo@gmail.com   🌐 leanetalfonso.com   ⬤ github.com/leanetalfonso

EDUCATION

Bachelor of Science in Computer Science, Florida International University — Miami, FL   Aug 2018 - Dec 2021
GPA: 3.96, Honors: Summa Cum Laude
Relevant Coursework: Computer Programming, Data Structures, Software Engineering, Database Management, Operating Systems, Data Mining, Computer Architecture, NLP, Applied Parallel Computing

SKILLS

Programming Languages	Java, Javascript (ES6), HTML5, CSS/Sass
Tools & Frameworks	VSCode, Xcode, React.js, Node.js, Express, Redux
Other Technical Skills	Git, OOP, RESTful API, PostgreSQL, MongoDB, Firebase, Agile
Soft Skills	Teamwork, Reliability, Problem Solving, Communication, Adaptability
Languages	English, Spanish

PROJECTS

Geek-Text | GitHub | Site | Demo   Jan 2021 - Apr 2021

▸ Developed a full-stack bookstore web application using the MERN stack in collaboration with a Scrum development team of 6.
▸ Implemented shopping cart feature and was a key player in assisting teammates with their assigned features (providing guidance, debugging), as well as redesigning 98% of the front-end into a more user friendly and responsive interface.
▸ Collaborated in the design and implementation of the data model and REST API.
▸ Set up MongoDB cluster, populated database with book data, established server and database connections using Express and Mongoose respectively, and deployed the front-end and back-end with Netlify and Railway respectively.

Sudoku | GitHub | Site | Demo   Dec 2021 - Jan 2022

▸ Built and deployed a Sudoku web application in React.js, which generates random Sudoku boards of different difficulties and allows users to solve, clear, and generate new boards with timer, auto-check, and "challenge your friend" features.
▸ Implemented recursive backtracking algorithm that solves the puzzle under a second.
▸ Internationalized app using I18next and localized it to support multiple languages (English, Spanish, and French).
▸ Wrote 53 unit and integration tests using the React Testing Library to test components and Jest for mocking.

Mastermind | GitHub | Demo   Jan 2022 - Mar 2022

▸ Designed a native mobile application for iOS using SwiftUI, which is a code-breaking game that generates random color codes of varying difficulties and provides feedback after each attempt until user runs out of attempts/time or guesses the secret code.
▸ Created an algorithm to provide feedback on every guess in constant time and space.
▸ Localized application to also support Spanish and included timer, sound effects, and visual accessibility features.

PEM-NOW | Demo   Aug 2021 - Dec 2021

▸ Developed a full-stack pediatric emergency medicine web application using React.js, Node.js, and Firebase that provides health workers easy access and manipulation of data about common pediatric emergencies.
▸ Integrated login/logout, data manipulation, and search features from existing React Native (mobile) version into new codebase supporting all CRUD operations; and added rich text formatting and multiple image upload support to both app versions.

WORK HISTORY

SUE Support Specialist, FR Aleman & Associates, Inc. — Doral, FL   Aug 2017 - Dec 2019

▸ Collaborated closely with a team of 4, processing field data and preparing project deliverables that met weekly and monthly deadlines.
▸ Introduced preventive controls to improve field data quality and optimized data processing that cut turnaround times by 30%.
▸ Devised a system to organize and maintain departmental records improving workflow by 40%.

SUE Operations Assistant, FR Aleman & Associates, Inc. — Doral, FL   Jan 2020 - Aug 2021

▸ Coordinated cross-departmental efforts for 10+ projects per month throughout all workflow stages.
▸ Trained 11 new office staff and 5 field crew members on new procedures, methodologies, and technologies.