Leanet Alfonso Azcona

✉ leanetalfo@gmail.com   📞 786.464.7135   🌐 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	VS Code, Xcode, React.js, Node.js, Express, Redux
Other Technical Skills	Git, OOP, REST, PostgreSQL, MongoDB, Firebase, Agile
Soft Skills	Teamwork, Reliability, Problem Solving, Communication, Adaptability
Languages	English, Spanish

PROJECTS

Geek-Text Online Bookstore | 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 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 RESTful API.
- Set up MongoDB cluster, populated the 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 Web App | GitHub | Site | Demo   Dec 2021 - Jan 2022

- Built a Sudoku web application with React.js, which generates random Sudoku boards of different difficulties and allows users to solve, clear, and start new games with timer, leaderboard, custom keyboard, 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).
- Achieved 98.8% code coverage through unit and integration testing with the React Testing Library and Jest.

Mastermind iOS App | 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 the 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 Web App | 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; 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.