LEANET ALFONSO AZCONA

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EDUCATION

BS 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, Computer Architecture, NLP, Applied Parallel Computing, Data Mining, Operating Systems

SKILLS

Programming Languages	Java, Javascript, HTML, CSS, Swift, Python
Tools & Frameworks	VSCode, Xcode, React.js, Node.js, Express, Redux, SwiftUI
Other Technical Skills	Git, RESTful API, PostgreSQL, MongoDB, Firebase
Soft Skills	Teamwork, Reliability, Problem Solving, Communication, Adaptability
Languages	English, Spanish

PROJECTS

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

- Built full-stack bookstore web application in collaboration with a Scrum development team of 6 using the MERN stack.
- Implemented shopping cart feature and was a key player in assisting teammates with their assigned features as well as updating the front-end into a more user friendly and responsive design.
- Participated in the design and implementation of the data model and REST API
- Set up MongoDB cluster, populated database, and set up server and database connections using Express and Mongoose respectively
- Deployed back-end to Heroku and front-end to Netlify under the domain geek-text.ga.

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

- Developed a Sudoku web application in React with timer and auto check features, which generates random Sudoku boards of different difficulties and allows users to solve, clear, generate a new board, or challenge a friend to break their record.
- Implemented recursive/backtracking algorithm to solve the puzzle under a second.
- Added internationalisation and localisation using I18next to support multiple languages (English, Spanish, and French).
- App is currently hosted on Netlify under the domain sudokupuzzle.ga.

Mastermind | GitHub | Demo   Jan 2022 - Mar 2022

- Designed a native mobile application for iOS using SwiftUI, which 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.
- Localized application to also support Spanish and added settings to support adjustments including numbered color items and different-shaped feedback items for users with color vision deficiency.

PEM-NOW | Demo   Aug 2021 - Dec 2021

- Developed full-stack pediatric emergency medicine web application that provides health workers easy data access and manipulation about common pediatric emergencies using React.js.
- Integrated login/logout, data manipulation, and search features from existing React Native 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

- Introduced preventive controls to improve field data quality and optimized data processing methods through consistent QA/QC practices which cut turnaround times by 25%.
- Organized and maintained departmental records improving workflow by 10%.

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 crews members on new procedures, methodologies, and technologies.