

# LEANET ALFONSO AZCONA

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🐙 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), HTML, CSS/Sass, Swift, Python

**Tools & Frameworks**

VSCode, Xcode, React.js, Node.js, Express, Redux, SwiftUI

**Other Technical Skills**

Git, 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

- ▶ Built 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 hosted the front-end and back-end on Netlify and Heroku respectively.

**Sudoku** | GitHub | Site | Demo

Dec 2021 - Jan 2022

- ▶ Built 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.
- ▶ Added internationalisation using i18next and localized app to support multiple languages (English, Spanish, and French).
- ▶ Wrote unit and integration tests using the React Testing Library to test components and Jest for mocking.

**Mastermind** | GitHub | Demo

Jan 2022 - Mar 2022

- ▶ Built 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.
- ▶ Localized application to also support Spanish and added settings to support adjustments including enabling a timer, sound effects, and numbered color codes and different-shaped feedback for users with color vision deficiency.

**PEM-NOW** | Demo

Aug 2021 - Dec 2021

- ▶ Built 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.