

# 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

<b>Programming Languages</b>	Java, JavaScript (ES6), HTML5, CSS/Sass
<b>Tools &amp; Frameworks</b>	VS Code, Xcode, React.js, Node.js, Express, Redux
<b>Other Technical Skills</b>	Git, OOP, REST, PostgreSQL, MongoDB, Firebase, Agile
<b>Soft Skills</b>	Teamwork, Reliability, Problem Solving, Communication, Adaptability
<b>Languages</b>	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, custom keyboard, dark mode, 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; 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.