

Alejandro Dardon

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SKILLS

- Technical Skills: C, Java, Python, HTML, CSS, JavaScript, Bootstrap, Ajax, jQuery, Mongo DB, React.js, Material UI, TypeScript, React Native, Firebase, Linux/UNIX, Node.js, R, Express.js, Git, Grunt, Gulp, Restful APIs, SOAP.
- Other Skills: Word, Excel, Powerpoint, JIRA
- Languages: Fluent in English and Spanish

EXPERIENCE

Software Engineer I

Swift, Remote, El Salvador

May 2023 – Present

- Working on a full stack mobile delivery application for a food delivery system using React native and Firebase.
- Successfully designed and executed the integration of geolocation tracking for delivery drivers using Google Maps SDK for iOS and Maps SDK for Android.

Software Engineer (University Project)

Transformer Protector Corporation, Houston, TX

August 2021- May 2022

- Achieved a 30% reduction in data transmission latency through the implementation of AES encryption, ensuring secure communication across powerlines and enhancing operational efficiency.
- Part of a cross-functional team that successfully reduced system maintenance costs by 25%, resulting in substantial cost savings for Transformer Protector Corporation.
- Developed a user-friendly mobile application using React Native and Firebase, resulting in a 40% decrease in troubleshooting time for technicians, leading to improved customer satisfaction.

Software Developer Intern

Summer 2021

SESA de C.V, San Salvador, El Salvador

- Developed a dynamic full-stack application, utilizing React.js, Node.js, Express.js, and MongoDB to implement an MVC architecture.
- Achieved an impressive 90% reduction in requirement management time by adeptly employing cutting-edge requirements management tools.
- Led the design and successful implementation of prototypes, effectively defining a compelling Minimum Viable Product (MVP).
- Conducted comprehensive code reviews for existing legacy systems, enhancing documentation and driving a 40% improvement in system stability and maintainability.

Software Developer Intern

Summer 2019

SESA de C.V, San Salvador, El Salvador

- Creation of a visually stunning and user-friendly web application, expertly leveraging HTML, CSS, JavaScript, and Bootstrap, resulting in an impressive 40% increase in user engagement.
- Collaborated closely with the owner to gather invaluable feedback and meticulously define project requirements, leading to a seamless website launch that exceeded client expectations.
- Implemented a version control system using Git/Github, enhancing documentation leading to an improvement in maintainability.

EDUCATION

Master of Science in Software Engineering

May 2023

St. Mary's University, San Antonio, TX

- *Cumulative GPA:* 3.83

Relevant Coursework: Software Security, Java Programming, Software Project Management, Software Quality Assurance and Testing, Software Maintenance and Evolution, Object Oriented Analysis and Design, Management of Information Technology, User Interface Design.

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Bachelor of Science in Software Engineering

August 2018 - May 2022

St. Mary's University, San Antonio, TX

- *Cumulative GPA:* 3.51
- *Dean's List:* Fall 2019, Spring 2020, Spring 2021, Spring 2022
- *Scholarships:* Bordeaux Scholarship, USAA Gateway to Graduation

Relevant Coursework: Software Design & Architecture, Data Structures and Algorithms, Object-Oriented Programming, Files and Databases, Computer Organization and Architecture, Human Computer Interaction, Parallel Programming, Software Engineering, Software Requirements Engineering, Operating Systems.

CERTIFICATIONS

HTML, CSS, and JavaScript for Web Developers, *Coursera*

June 2021

Front-End Web UI Frameworks and Tools: Bootstrap 4, *Coursera*

June 2021