

Nader Fares

Front End Engineer

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EDUCATION

University of Central Florida

Bachelor of Science in Computer Science

- GPA: 3.8

Orlando, FL

Aug 2020 – May 2024

WORK EXPERIENCE

Systems Engineering Intern

Lockheed Martin

May 2023 – Present

Orlando, FL

- Worked on optimizing code for performance, leveraging C++ features such as multithreading and parallelism to accelerate model training and inference.
- Actively participated in daily Scrum meetings, ensuring clear communication and collaboration among cross-functional teams.
- Analyzed customer's initial design specifications and developed product specifications and techniques to satisfy customer requirements.
- Led development of automated internal services reducing the effort spent by engineers on certain tasks by 40%.

Software Engineering Intern

LaserStar Technologies Corporation

Sep 2022 – March 2023

Orlando, FL

- Revamped the user experience and improved ease of navigation of our systems by building a WPF .NET application using C# and XAML.
- Conducted thorough testing and debugging of code to ensure high quality and error-free software.
- Leveraged .NET technologies to build high-quality, scalable applications that met client needs.
- Led team meetings and contributed ideas to improve software functionality and user experience.

PROJECTS

Planner App | *JavaScript, React Native, React, Express.js, MongoDB*

Nov 2021

- Leveraged React Native libraries such as React Navigation and AsyncStorage to optimize user navigation and data storage, resulting in a smooth and responsive mobile application.
- Implemented JSON Web Tokens (JWT) authentication in the mobile app, enhancing security and user access control for critical features and sensitive data.
- Developed robust data-fetching mechanisms, utilizing RESTful API calls to communicate with a dedicated backend server and efficiently deliver real-time data updates to the frontend.
- Collaborated closely with backend developers to design and implement API endpoints, enabling efficient data exchange and maintaining data consistency between the mobile app and the backend system.
- Employed error handling strategies to gracefully manage unexpected issues during data fetching, providing a more user-friendly experience and reducing application crashes.
- Utilized asynchronous programming techniques and promises to optimize data retrieval and manipulation, improving overall app responsiveness and performance.

Contact Manager | *HTML, CSS, JavaScript, MySQL, PHP*

Jan 2023 - Feb 2023

- Built a web application to manage contacts using a LAMP stack that was hosted on a remote server.
- Configured the database server, and created tables and relationships to store and manage data effectively.
- Implemented robust APIs that enabled the client to interact with the server in real-time, using JSON as the data format for exchanging information.
- Conducted thorough testing and debugging to ensure the API's performance and reliability, resulting in improved user experience for the application.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, C/C++, C#, HTML/CSS, MySQL, Java, Python.

Frameworks: React Native, .NET, React, Node.js, Express.js, Mongoose, Spring, JUnit.

Developer Tools: Git, Github, Jira, Postman, Docker, Linux/Unix, SSH, VS Code, Visual Studio, Expo Client, Figma.