



Esfar Mohammad

Computer Science
Herbert Wertheim College of Engineering

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Website

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Github Profile

LinkedIn Profile

EDUCATION

University of Florida

2021-2024

Bachelor of Science in Computer Science & Minor in Digital Arts and Sciences

EXPERIENCE

University of Florida, Enrollment Management

2021-Current

Student IT Developer

Gainesville, FL

- Designed and developed a fully interactive Organizational Chart application featuring live data integration, incorporating an administrative control system implemented using JavaScript and PHP.
- Created and implemented a comprehensive User Speedial management system with an intuitive admin portal, empowering administrators to control and manage various aspects efficiently. Developed using PHP, the system optimizes communication efficiency and improves productivity for the entire workforce.
- Streamlined the deployment process for Apple computers, implementing efficient methodologies and ensuring smooth and rapid deployment across the organization, resulting in significant time and cost savings.

Tow-2-Tow

2022

Software Engineer Intern

Gainesville, FL

- Spearheaded the development of a cutting-edge tow service application, utilizing Flutter and adopting the BLoC methodology, resulting in a user-friendly platform comparable to popular ride-hailing apps.
- Collaborated with a team of developers to architect and build a scalable tow truck service app, utilizing Flutter's BLoC pattern to handle complex business logic, enhance code reusability, and maintain a clean and modular codebase.
- Leveraged the power of BLoC in Flutter to seamlessly integrate various app functionalities, such as user registration, real-time tow truck tracking, and seamless payment processing, resulting in a feature-rich and reliable tow truck service app for users.

Private Tutor

2021-2022

Elementary School Tutor

Rivera Beach, FL

- Assessed student skills, delivered personalized in-person instruction, facilitated homework support, and effectively communicated improvement areas to guardians, enhancing both communication and teaching abilities.

PERSONAL PROJECTS

Emote-it

2021

Emote It is an emoji-based social communication platform. / MongoDB, Express, React, NodeJS / Available on the Internet.

- The development procedure resulted in an enhanced comprehension of REST API, as well as improved understanding of React and NoSQL database concepts.

Planet Maze

2020

Planet Maze is an Android 3D platform game. / Unity, C# / Available on the Google Play Store.

- The development procedure contributed to a reinforced understanding of programming logic, while also providing practical experience in visual and 3D development. Additionally, a solid comprehension of event-driven programming in Unity allows for the creation of immersive and interactive experiences.

My Transfer Auditor

2019

MTA is a college transfer auditor system / ASP.NET, C#

- The development procedure gave hands-on experience in web application development. It yielded an understanding of a software design life-cycle. This experience included planning, documentation, database design theory, relational database, front-end design, and back-end development.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, C++, C#, Python, JavaScript, PHP

Developer Tools: JetBrains IDEs, Visual Studio, Blender, Unity

Frameworks: NodeJS, ASP.NET CORE, React, Angular, Flutter

Cloud/Databases: MsSQL, MySQL, OracleDB, MongoDB, Firebase

Areas of Interest: Web Application Development, Cyber Security, Game Development

RELEVANT COURSEWORK

Data Structures and Algorithms

Computer Science I & II

Enterprise Software Engineering & Software Engineering

Information and Database Systems