Esfar Mohammad

Computer Science
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EDUCATION

•**University of Florida**   *2022-2024*

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

•**Palm Beach State College**   *2019-2021*

Associate of Arts

EXPERIENCE

•**University of Florida, Enrollment Management**   *2022-Current*

Student IT Developer   Gainesville, FL
- Developed and deployed an interactive organizational chart application, facilitating seamless navigation and enhanced collaboration for over 100 employees within the organization.
- Designed and implemented a robust speed dial management system for Cisco telephones, optimizing communication efficiency and improving 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.

•**Private Tutor**   *2021-2022*

Elementary School Tutor   Rivera Beach, FL
- Demonstrated effective communication and teaching abilities through the evaluation of student skills, delivery of personalized in-person instruction, provision of ongoing homework support, and consistent communication with guardians to discuss advancements and address areas for improvement, leading to continuous professional growth.

•**Tow-2-Tow**   *2022*

Software Engineer Intern   Gainesville, FL
- Applied the BLoC architectural pattern in Flutter to effectively manage state and data flow in the development of a large-scale tow truck service application, similar to Uber, ensuring smooth and efficient user experience.
- 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.

PERSONAL PROJECTS

•**Emote-it**   *2022*

Emote It is an emoji-based social communication platform. | MongoDB, Express, React, NodeJS | Available on the Internet.
- The development procedure yielded a deeper understanding of REST API. Moreover, it yielded a better grasp of react and no-SQL database concepts.

•**Planet Maze**   *2020*

Planet Maze is an Android 3D platform game. | Unity, C# | Available on the Google Play Store.
- The development procedure helped strengthen the basic understanding of programming logic. Moreover, it generated visual and 3D development experience.

•**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: Blender, Unity
Frameworks: NodeJS, ASP.NET CORE, React, Angular, Flutter
Cloud/Databases: MsSQL, MySQL, OrcaleDB, 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