

Suman Thapa Magar

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EDUCATION

The University Of Texas At Arlington
Bachelor of Science in Computer Science

Expected Graduation : MAY 2022
GPA: 3.938

TECHNICAL EXPERTISE

Programming Languages: C, Python, MySQL, PostgreSQL, JavaScript, HTML, CSS, Java, C++, C#
Libraries/Frameworks: React, NodeJS, Express, Bootstrap
Tools: Git, Github, GDB, Unity, Visual Studio, Android Studio, Heroku, MySQL Workbench, Postman
Operating Systems: Windows, MacOS, Linux, iOS, Android

EXPERIENCE

Information Technology Service Assistant May2019- Present
The University of Texas at Arlington Arlington, Texas

- Provided technical support for hardware, software and computing peripherals.
- Setup, configured, diagnosed and performed hardware and software repairs
- Assisted in new lab computers installation and re-configurations.
- Assisted with document sorting, distribution, filing, processing forms and data entry.
- Created and updated knowledge articles and training materials.
- Handled the university website using Cascade and SiteCore.

PROJECTS

FaceRecognition App: May 2021 - July 2021
• Built a web app that uses Clarifai's General AI Image Recognition Model to recognize human faces in images.

- **Tools/Languages:** React.js, React Hooks, CSS, HTML, Node.js, PostgreSQL

Car Rental System: Jan 2021 - May 2021
• Created a Relational database management system along with an interactive Graphical User Interface that facilitates rental companies to retrieve the desired rental information.

- **Tools/Languages:** MySQL Workbench, MySQL, Python

SpaceCube: Sep 2020 - Dec 2020
• Developed an android game based on the concepts of TempleRun to provide a fun, competitive and 3D gaming experience.

- **Tools/Languages:** Unity, Android Studio, Blender, C#

Concurrency-Office Hours: Jan 2019 - May 2019
• Created a program using parallel programming that facilitates professors to set up office hours and handle up to 50 threads (students) simultaneously.

- **Tools/Languages:** C, Ubuntu, GDB, GCC

RELEVANT COURSES

Algorithm and Data Structures, Database System, Fundamentals of Software Engineering, Artificial Intelligence, Computer Networks, Operating Systems, Object Oriented Programming, Engineering Probability, Linear Algebra

AWARDS/CERTIFICATIONS

- Dean's List: College of Engineering- 2019, 2020, 2021
- Recipient of Maverick Academic Scholarship
- TechDirect-1000 Client Foundations, Dell