

PRABESH HUMAGAIN

682-262-7757 | humagain.prabesh@outlook.com | Arlington, TX

LinkedIn: www.linkedin.com/in/hprabesh/

Personal-Website: www.prabesh-humagain.com

GitHub: www.github.com/hprabesh

Technical Skills

Programming Languages: Java, Python, JavaScript, C/C++, MongoDB, HTML5

Tools and Technologies: ReactJS, Node.js, Express, Azure DevOps, RESTful API, Android Studio, Git, Gtk+/Gtkmm, Google Firebase, Cascade, Sitecore

Relevant Experience

University of Texas at Arlington, Arlington, TX

Web Developer at the Office of Information Technology

November 2019 - Present

- Create and manage the Office of Information Technology, Human Resources, Resources, Business Affairs, and Help sites on Cascade and Sitecore.
- Maintain the database of all the accessible legal documents related to Forms and Policies and Procedures in the Resources site.
- Manage the project sites and their workflows and perform timely updates on the Office of Information Technology Project sites collaborating with the Project Managers.
- Improve the web accessibility of the Office of Information Technology, Human Resources, and the Business Affairs sites.

Education

The University of Texas at Arlington, Arlington

May 2023

Bachelor of Science, Computer Science with Honors Degree (*Dean's List*)

GPA: 3.96

Projects

Performance Tracker: An android application to measure the daily performance level by allowing the user to add different priorities of task and help them complete those tasks on time using the streak points, which can also be shared among the colleagues. Its frontend is written using XML and Java, and Google Firebase is used as a cloud service for the backend services like Authentication, Database and so on.

Flashcard: An android application that allows user to create a flashcard to help remember the study terminology. It is built using Java and SQLite.

To-Do List: A simple web application to monitor the number of tasks completed. Its frontend is written using React and Material-UI, while backend is managed using Express, Node.js and MongoDB.

Deans Engineering Challenge Project for the Smart City: A machine learning model to analyze the weather pattern in Arlington Region and predict the average solar radiation and wind speed to improve the efficiency of for an alternative clean energy.

Relevant Coursework

- Algorithms and Data Structures, *CSE3318*
- Fundamental of Software Engineering, *CSE3310*
- Computer Organization and Assembly Language Programming, *CSE2312*
- Introduction to Object Oriented Programming, *CSE 1325*
- Embedded Programming, *EE1311*

Achievements

- Nominated to the University of Texas at Arlington Outstanding Student Employee of the Year 2021 for an exceptional service as an employee to the University.
- Received the Maverick Academic Excellence Award and the Shahrzad Amirani Endowed Scholarship
- Honorable Mentioning in the Deans Engineering Challenge to make Arlington a Smart City, 2020
- Represented Nepal as the Contestant 3rd in 59th International Mathematics Olympiad, Romania, 2019

Clubs and Organizations

UTA Rover Team, UTA – Member

February 2021 – Present

Nepalese Student Association, UTA – *Event Planner, Graphic Designer*

September 2019 – October 2020