Nikhil Kumar Bhavani

nikhilbhavani@gmail.com • (864) 921-5441 • Norfolk, Virginia •
http://linkedin.com/in/nikhil-b-523130104

EDUCATION

Masters in Computer Science (GPA-3.5)   Expected Graduation Date- May 2024

Old Dominion University, United States of America

Bachelors in Mechanical Engineering   Graduation Date- May 2022

Mahindra Ecole Centrale, India

Courses- Computer Architecture, Data Analytics and Big Data, Database Concepts, Computational Methods and Software, Natural Language Processing.

CERTIFICATIONS

Python Basics, Python functions, files and dictionaries

SKILLS

Software/Tools: C, C++, Python, Spark, Hive, Machine Learning, SQL, AutoCAD, Autodesk Inventor.

Experience

Graduate Administrative Assistant – Testing and Assessment, Office of Educational Accessibility

- Assist with the coordination and administration of testing accommodations for students with disabilities, including scheduling, proctoring, and maintaining confidentiality of student information.
- Develop and maintain a database of student information, including test scores, accommodations, and other pertinent information.
- Communicate with faculty, staff, and students regarding testing accommodations and accessibility-related concerns.
- Assist with the creation and implementation of policies and procedures related to testing and assessment accommodations.

PUBLICATIONS

Study of Prototyping a Digital Twin of a Robotic Arm - *Science, Technology and Development Journal, Volume X Issue V* May 2021

- A study of creating and training a Robot Arm Digital Twin to simulate the virtual using physical model.
- Proposed a software that enables one-way communication between physical and virtual models.

PROJECTS

Soft Exoskeleton for fingers and Wrist - MATLAB, CAD, Solid Works
- Designed and developed a robotic soft exoskeleton for fingers and wrist for stroke survivors to provide rehabilitation in a reproducible and repeatable manner.

Organizations and Leadership

- Technology Captain for the Prefectorial Cabinet at HPS-R during the year 2017-2018.
- Head of Logistics team for College Cultural Events such as Aero and Aether.
- Coordinator of Annual College Reunion Celebrations.