Harsh Patel

Cell: 817.501.7860 • 32hppriv73@gmail.com • https://github.com/Harsh-Patel73/

EDUCATION

Texas A&M University, College Station, TX   May 2022
Bachelor of Science in Industrial and System Engineering

TECHNICAL SKILLS

- Excel/Minitab
- Simio
- Java
- .NET
- Power BI
- C++
- JavaScript
- Databases
- Python
- C#
- VBA
- ReactJS

ACADEMIC PROJECTS

Augmented Reality Heads-up Display for Flight Medics, Army Future Command/National Security Innovation Network
- The goal of the project was to design a prototype augmented reality HUD for the U.S. Army flight medics that will relay a patient's most critical information to aid in prehospital treatment.
- Role in the project involved: back-end development in C# on the Unity platform, contribution to detailed research, and contribution to the patient mortality risk algorithm in Python.

UH-60M Black Hawk Spatial Disorientation Warning System
- Design a prototype warning system that considers pilot eye movement, weather conditions and aircraft position to alert a pilot of any instances of spatial disorientation.
- Role in the project involved: compiled and analyzed previous Black Hawk crash data to identify constraints for the prototype.

EXPERIENCE

Unleashed Brands   November 2021 – April 2022
Operations Analyst Intern
- Cleaned data to streamline and optimize the analytics process
- Analyzed and visualized warehouse data using VBA to track trends in operations
- Managed database for 40+ facility locations and metadata

Bright's IT – Computer Science Department Texas A&M   August 2018 – July 2021
IT Analyst
- Troubleshooting and decoding issues with machines for students and faculty
- Produced scripts to solve recurring issues on Linux, Mac, and Windows operating systems

- Compiled data from different problem types to generate a guide for new technicians