

# Harsh Patel

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## EDUCATION

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

May 2022

## TECHNICAL SKILLS

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

## ACADEMIC PROJECTS

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### 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

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### 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

