

# OR BEN NUN

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## SKILLS

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**Programming** | Python, SQL, C, C++, Java, MongoDB, Python, JavaScript, HTML, CSS, Git.

**Personal** | My creativity and problem-solving skills make me a valuable team player who thrives in collaborative environments, while my high sense of responsibility and standards allows me to bring out the best in others.

## EXPERIENCE

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### Deep Learning | Cars Image Recognition

Feb 23

A deep learning project, classifying cars images using an advanced techniques

Python | PyTorch

- Preprocessed 16,000 images of cars with the goal of classifying them into 196 categories.
- Utilized a variety of techniques, including Transfer Learning, Image Retrieval, and End-to-End CNN, to train a neural network for image classification.
- Optimized the neural network to achieve an 80% success rate.

### Data Science | Image Clothing Classification

Jan 23

A data science project, classifying clothing using a neural network

Python | NumPy | PyTorch

- Trained a neural network on a dataset of 70,000 images of clothing and accurately classify them into 10 distinct categories.
- Optimized the neural network to achieve an 88% accuracy rate.

### Data Science | Heart Diseases Prediction

Dec 22

A data science project, predicting heart disease using machine learning

Python | NumPy | Sklearn

- Preprocessed data of 35,000 patients by cleaning it, dealing with null values, encoding categorical values, and addressing data imbalance to prepare the data for analysis.
- Analyzed the data, investigated the features, checked for correlation between the features, examined data distribution, and detected any anomalies.
- Applied a variety of machine learning algorithms to achieve an 87% success rate.

### Full Stack | Movie Rating Web Application

Jul 22 – Aug 22

Web application for movie rating

JavaScript | NodeJS | Express | MongoDB | HTML | CSS

- Created a movie rating web application from scratch, with 3 interfaces for Users, Management, and Statistics.
- Utilized APIs to gather data and currently has a dataset of over 100 movies.
- Designed in MVC architecture pattern.

### Software Engineer | Flight Simulator System

Apr 22 – Jun 22

Flight Simulator Application, connected to open-source Flight-Gear program

Java | JavaFX | MongoDB

- Architected a flight simulator software using various architecture and design patterns.
- Collected and managed real-time/time series data of airplanes.
- Designed and developed a front-end system using JavaFX UI that communicates via TCP/HTTP to control and locate airplanes around the globe.

## EDUCATION

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**B.S. COMPUTER SCIENCE:** The College of Management Academic Studies

Oct 20 – Aug 23