

# Taher Dohadwala

taher.dohadwala1@gmail.com | 630-670-9930 | 2056 Shady Grove ct, Naperville, IL, 60565

## Education

---

### Purdue University

#### B.S Applied Statistics

- Minor in Computer Science, Entrepreneurship and Innovation.

West Lafayette, IN  
Graduating Dec. 2021

## Experience

---

### Collins Aerospace

Machine Learning Engineer Intern

Cedar Rapids, IA  
Jun. 2020 - Aug. 2020

- Designed and developed a modular sandbox environment for simulating resource management of radio antennas.
- Applied statistics to generate randomized datasets with enough variance to mimic real world scenarios.
- Implemented various Deep Reinforcement Learning algorithms including PG, DQN, and DDDQN in Tensorflow 2.0, to try and achieve the highest performance for resource management.
- Utilized a Nvidia DGX-1 gpu server and Tensorflow docker to train models.

### Nima Investment LLC

Software Engineer

Naperville, IL  
Mar. 2020 - Jun. 2020

- Automated the creation of monthly summary reports that are sent to investors, by designing and generating properly formatted PDFs only using Python and Pandas.
- Developed a real-time dashboard that dynamically displays information about an investor's current investment health status using Dash.

### CAM2 Human Behavior Team

Research Leader

Purdue University, IN  
Aug. 2019 – May 2020

- Developed a multi-camera re-identification system capable of identifying and re-identifying an unknown number of people across multiple cameras using an ensemble of ML algorithms.
- Led development for a 2D mapping extension that condenses collected information into a single 2D map that displays the unique paths of each person across a timeline.

### FirstEigen Startup

Intern

Naperville, IL  
May 2019 – Aug. 2019

- Integrated their ML based data analysis software into AWS.
- Designed a more intuitive and user-friendly experience.

### Purdue University DURI Leader

NLP Researcher

Purdue University, IN  
Aug. 2018 - Aug. 2019

- Analyzed and labeled 6000 comments to curate a dataset.
- Developed a classifier to analyze healthcare related social media data.

## Certifications

---

Machine Learning | 5-course Deep Learning Specialization | 4-course Tensorflow in Practice Specialization

## Skills

---

Python (Pandas, Numpy, Matplotlib, Sklearn) | Tensorflow 2.0 | Git | Unix | Java | R

## Activities

---

Vice President of Club Tennis | Launchpad Mentor | Datamine Learning Community | AbbVie Externship