Trevor Hatch

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Seeking a 2022 Summer internship in the field of Data Science

EDUCATION

Texas A&M University, College Station, Texas May 2023 Computer Science

TECHNICAL SKILLS

• Python, C++, Java, PostgreSQL, Tensorflow

PROJECTS

Front End Website Development Sept 2021-present
• Created the front end for my personal website using html, CSS, and JavaScript
Chess Puzzle Search July 2021-present
• Used Python libraries for chess and chess engines to search through a database of chess games
to find specific board states that would qualify as puzzles and automatically label puzzle types
Tensorflow practice Aug 2019-present
• Used **Tensorflow** in various programs to gain experience with Tensorflow
• Various small projects include Tensorflow MNIST reading, MNIST **autoencoder**, and **customizing
training loop** for user-selected image generation and image evolution
Fractal Animation July 2019
• Wrote code using Python to generate high quality animations of fractal generation
Neural Network MNIST Reading Feb 2018-May 2018
• Created a neural networking program that used **stochastic gradient descent** to learn how to
interpret human handwriting, using the MNIST dataset
• This project did not use any machine learning libraries, done in Python
Neural Network Pathfinding July 2017-Aug2017
• Created a program that used a **genetic algorithm** that adjusted neural networks
that learned to navigate around user-drawn obstacles and reach an endpoint
• This project did not use any machine learning libraries, done in Python

WORK EXPERIENCE

Texas A&M University, College Station, Texas Sept 2020-Jan 2021 *Engr 102, **Peer Teacher***
• Taught a mandatory lab section of ~20 students in a course focused on the basics of Python
• Graded an average of 20 student assignments each week
Code Ninjas, San Antonio, Texas Sept 2018-Aug 2019, ***Code Sensei***
• Tutored students through the Code Ninjas programming curriculum, focused on JavaScript
Whataburger, San Antonio, Texas June 2018-Aug 2018, ***Team Member***
• Worked in a fast based retail setting while communicating clearly with coworkers

HONORS AND AWARDS

Eagle Scout Oct 2018
• Led a service project for the San Antonio Food Bank, with a total of 110 volunteer hours.
Letterman Athlete Sept 2018