Jack Myrick

(972) 922-7743　●　myrickj2002@gmail.com　●　GitHub: jmyrick02

EDUCATION

The University of Texas at Dallas　　　　　　　　　　**August 2021 - May 2025 (Expected)**
Bachelor of Science in Computer Science, GPA: 4.00/4.00
- **Organizations**: Artificial Intelligence Society (Former AIM Mentee and Current Member), Association of Computing Machinery (Member and Full-Stack Developer for Project Nebula)

PROJECTS

CAPTCHA Recognition　　　　　　　**Artificial Intelligence Mentorship (AIM) Program**
Python, TensorFlow, Keras, Flask　　　　　　　　　　　　September 2021 - November 2021
- Worked with a mentor and two other mentees to design and train a neural network to break CAPTCHAs
- Deployed the neural network on a Flask website using Heroku

Easy Rank　　　　　　　　　　　　　　　　　　　　　**Comet Hack 2021**
C#, Blazor, ASP.NET, Microsoft Azure　　　　　　　　　　　　　　　April 2021
- Developed website and algorithm for users to rank items on a list through a series of simple binary choices

EnchantPro　　　　　　　　　　　　　　　　　　　　**UT Dallas Esports**
Java, Spigot API　　　　　　　　　　　　　　　　　　May 2021 - October 2021
- Developed plugin for custom enchantments on Minecraft servers
- Used on the UT Dallas Esports club official Minecraft server, which had over 300 individual players

Facial and Hand Gesture Input for Interactive Media　　　　　　　**Personal Project**
Python, MediaPipe, OpenCV　　　　　　　　　　　　　　July 2021 - August 2021
- Utilized computer vision and facial and hand recognition to give various inputs to control interactive media such as Minecraft

ToS Bot　　　　　　　　　　　　　　　　　　　　　　**Personal Project**
Python, discord.py, Google Sheets API, Heroku　　　　　　　　　June 2020 - Present
- Facilitated menial and repetitive tasks for a social role-play game with over 30 active weekly users
- Stored small amounts of data in the cloud using the Google Sheets API

SKILLS

Languages and Libraries	Java, C#, Python, Dart, JavaScript, C++, Flutter, Blazor, TensorFlow, Keras
Platforms	Git, Azure, Heroku
Relevant Coursework (Fall 2021)	Computer Science II (C++), Discrete Math I, Linear Algebra, Calculus II

WORK EXPERIENCE

Homework In A Café　　　　　　　　　　　　　　　**August 2020 - May 2021**
Tutor
- Tutored middle and high school students in subjects such as computer science, mathematics, and English

Rosa's Café　　　　　　　　　　　　　　　　**September 2019 - March 2020**
Cashier
- Greeted and assisted customers in ordering food, handling payments and input using a computerized system

HONORS AND AWARDS

Computing Scholar	Member of selective UTD CS Honors program (30 students per year)
National Merit Scholar	Full-ride scholarship to UTD on the basis of PSAT (1490) and SAT (1590) scores