

Brian McKeown

(214) 918-0706 | BRIANMCKEOWN@TAMU.EDU

EDUCATION

Texas A&M University, College Station, TX — *Computer Science, B.S.*

AUGUST 2021 - PRESENT

Scheduled to graduate May 2025

Current GPA 3.77

Texas A&M University, Thessaloniki, Greece — *Data Design and Algorithm Analysis*

MAY 2023 - JULY 2023

- Developed cultural intelligence through immersion in Greek culture including language, customs, and social norms
- Mastered fundamental algorithms and algorithmic techniques
- Analyzed and evaluated the correctness, running time, and space complexity of algorithms

PROFESSIONAL EXPERIENCE

IDLife, Frisco, TX — *Supply Chain Operations Intern*

JUNE 2022 - AUGUST 2022

- Developed knowledge of industrial automation, machine design, and lot control to oversee better quality control of packaging
- Supported packaging team with the completion of packaging testing
- Ensured regulatory FDA, FTC, and HIPAA compliance on-site

PROJECTS

Y86-64 Processor — *Texas A&M Computer Architecture Course*

APRIL 2023 - MAY 2023

- Researched and designed a Y86-64 Processor for executing programs in Y86-64 ISA
- Incorporated full fetch, decode, and execute cycle along with RAM and ROM
- Wrote multiple Y86-64 ISA programs to test the processor including bubble sort and matrix multiplication

Speech to American Sign Language Translator — *Texas A&M Hackathon*

FEBRUARY 2022

- Worked in a team of four in a competitive, high-stress environment to complete a project within 24 hours
- Developed an application that translates spoken English to display American Sign Language images using natural language processing

Pergola — *Engineers Without Borders, Texas A&M Chapter*

JANUARY 2022 - MAY 2022

- Researched and designed a pergola for a low-income neighborhood using CAD
- Fundraised by seeking and communicating with donors
- Constructed the pergola on-site over the course of two weeks

SKILLS

Programming Languages: C, C++, Python, Java, JavaScript, Haskell, R, HTML, CSS, SQL

Softwares: CAD, Arduino, Microsoft Office, Logisim