Austin McCormick

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EDUCATION

Texas A&M University, College Station, Texas — August 2024 – May 2026
M.S. in Computer Science

Texas A&M University, College Station, Texas — August 2020 – May 2024
Engineering Honors Student, Cumulative GPA: 4.00
B.S. in Computer Engineering with a minor in Mathematics

EXPERIENCE

Institute for Engineering Education and Innovation, College Station, Texas — May 2022 - June 2023
Student Worker

- Led website development and management using HTML, CSS, and JavaScript
- Performed data entry and analytics using Excel and Python
- Collaborated in teams to plan and manage events between engineering departments
- Assisted graduate students with acquiring funding and submitting grant proposals

LEADERSHIP

Turing Games Hackathon, *Team Captain* — February 2022

- Won 2nd place overall, lead a team of four undergraduate engineering students
- Coded in Python, leveraged Minimax algorithm to determine best moves
- Programmed the behavior of virtual robots simulating Hide-and-seek

RECENT PROJECTS

Boba Shop Point of Sale System — September – October 2023
Skills used: PostgreSQL, JavaScript, React, Python, Django, Agile

- Full stack development with an emphasis on front-end
- Employed Agile methodologies to ensure efficient project management
- Implemented a dynamic GUI with SQL integration, Django back-end, React front-end

Optimized Multiple Lines of Best Fit Generator — July 2023
Skills used: Dynamic Programming, Python

- Generates multiple linear lines of best fit to minimize error on scatterplots
- Optimized runtime by using dynamic programming to eliminate redundant calculations

SKILLS

- **Languages**: Python, C/C++, Java, PostgreSQL, JavaScript, Verilog, HTML, CSS
- **Libraries and Frameworks**: Java Swing, React, Maven, Django, Scrapy, OpenGL
- **Tools**: Git, Visual Studio Code, Microsoft Office, CMake, Linux/Unix, Agile Development Practices

RELEVANT COURSES

- Foundations of Software Engineering, Computer Systems, Artificial Intelligence, Data Structures and Algorithms, Discrete Math for Computing, Design and Analysis of Algorithms, Probability