Ethan Langford

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SKILLS

Programming: C++, JS, HTML, CSS, Python, Bootstrap, React, Linux, Data Structures and Algorithms, Web Development, OOP, Google Cloud Platform, SQL, Gitlab

EXPERIENCE

Software Engineering Intern | B-Stock Solution   **June 2023 - Present**
- Assisting in the design, development and maintenance of data pipelines by working cross-functionally with software teams
- Developed a python program to replace a data transferring system using API calls and inputting it into a BigQuery database
- Assisted in upgrading live services to a newer version of python across different platforms on their marketplace
- Worked with google cloud services, python, and databases to develop a program to reformat files and upload them to the cloud

SEC Directed Internship | Texas A&M University   **May 2022 - August 2022**
- Project manager for a team of 5 engineering students working to develop a completely MATLAB-based example that generates a landslide susceptibility map using historical data to help ensure client's and property safety using machine learning
- Aided in refining my group's teamwork skills by managing communications between team and mentors, organizing and running weekly meetings, designating tasks between members, and developing a marketing plan for our product

PROJECTS

HousingProf.com | Team Project   **October 2022 - December 2022**
- A web application designed to help Texas A&M students find on and off-campus housing
- Allows for filtering of housing options for students to find what works best for them
- Part of the frontend team working with HTML, CSS, Javascript, and React

Dungeon Crawlers | Project   **March 2022**
- Two part homework assignment that involved debugging and developing a 2D console game
- The user controls a character and moves through different difficulties of maps to find treasure and escape the dungeon
- Coded in C++

LEADERSHIP

Operations Coordinator | Texas A&M Engineering Career Fair   **March 2023 - Present**
- Coordinate and facilitate logistics for the largest student-run career fair in the nation with over 10,000 attendees and over 400 companies recruiting
- Manage and coordinate day of logistics to ensure the fair runs smoothly
- Responsible for training over 100 volunteers and assigning them tasks and times to work the fair

Freshman in Engineering, Science, and Technology | Staff   **May 2022 - May 2023**
- Mentor to over 50 freshman STEM students developing their leadership and teamwork skills
- Organize coding reviews for students taking programming courses and aid in their coursework

EDUCATION

Texas A&M University | *Bachelor of Science Computer Science*   *College Station, TX* | **May 2025**
- Cumulative **GPA:** 3.74/4.00
- Engineering Honors Student in the College of Engineering

Relevant Coursework
- Data Structures and Algorithms, Introduction to Program Design and Concepts, Discrete Structures for Computing, Engineering Lab I - Computation