

Aidan B. Bolton

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EDUCATION

University of Colorado Boulder

Professional Master's in Computer Science

Boulder, CO

Expected May 2023

Austin College

Bachelor of Arts, cum laude

Sherman, TX

May 2021

Major: Computer Science, Minor: Accounting

SKILLS

Backend Development: Flask, MySQL, RabbitMQ

Languages: Python, Java, SQL, HTML, C, C#, Bash

Other: Unix System Administration, Hugging Face Transformers, PyTorch, Pandas, NumPy, Trello

JOB OBJECTIVE

- To leverage my expertise in ML, AI, and software systems to improve business operations.

PROJECTS

Professional Master's Capstone Project – Lockheed Martin

Role: Model Architect and Database Admin

Sep. 2022 - May 2023

- Worked with a team of 4 in a scrum development process.
- Developed Large Language Transformer Models for subcontract predictive analysis.

Augmented Reality Maintenance App

Role: Backend Developer and Test Development

Mar. 2022 - May 2022

- Worked with 3 other students as a part of a Software Engineering course, to plan, design, and create and deploy a full stack application in 8 weeks.

Crypto Price Prediction Model

Data Processing and Model Design

Nov. 2022 - Dec 2022

- Worked with a partner to train an LSTM model to predict cryptocurrencies' future prices based on historical crypto and stock data.

MITM Attack Demonstration

Language: Python

Nov. 2022 - Dec 2022

- Used ARP Poisoning to demonstrate a MITM attack over a LAN.

3-D Scene with lighting in OpenGL

Language: C

June 2022

EXPERIENCE

Computer Science Grader

Data Center Scale Computing

September 2021 - December 2021

- Worked with the T.A. to meet with students and assess their performance on assigned labs.

Computer Science Tutor

Intro and Interim Computer Programming

August 2019 - May 2020

- Helped students learn the fundamentals of C.S. and taught correct coding standards.

Information Technology Summer Internship

Austin College

June 2019 - August 2019

- Replaced and setup computers in labs throughout several campus buildings.

LEADERSHIP

PAΘ Fraternity President

2019 - 2021

Buffalo Gap Summer Camp Senior Counselor

2018

Eagle Scout Rank/Service Project

2017