

Luke Campbell

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Education

University of Colorado Boulder

August 2020 – May 2025

Bachelor of Arts in Computer Science

- Major GPA: 3.64
- Dean's List 2023, 2024
- Relevant Coursework: Computer Systems, Algorithms, Principles of Programming Languages, Software Development, OOP, Cybersecurity

Relevant Experience

EVENT-EDU

October 2023 – December 2023

Full Stack Developer

- Collaborated with a team of 4 to develop a social media platform where college students can join communities of interest, discover nearby events, and form online friendships.
- Programmed, maintained version control, and hosted the platform online using Git, Microsoft Azure, NodeJS, JavaScript, HTML, CSS, EJS, and PostgreSQL.

NFL BIG DATA BOWL - Kaggle.com Competition

September 2023 – December 2023

Developer and Data Analyst

- Developed a machine learning model to predict NFL play types (run, pass, punt) based on historical actions from 50,000+ entry datasets. Utilized Python (Pandas, NumPy, Scikit) and Jupyter to develop, train, and analyze the model, delivering 90%+ accuracy.

BAYBOLD LLC

January 2020 – August 2020

Creator and Developer

- Developed a script that monitors inventory on major e-commerce platforms including Target, eBay, and Walmart utilizing Python (Requests, BeautifulSoup), sending 20,000+ requests per hour.
- Deployed and maintained a Linux using CentOS and Microsoft Azure to host with 99%+ uptime.
- Implemented webhook integration using Discord's Webhook API to provide real-time server notifications to allow for scaled implementation, leading to a partnership and licensing agreement.
- Licensed to a for-profit Discord server with 3000+ members, generating \$1.2M+ in gross revenue and \$24,000+ in affiliate commissions on eBay in three months, recorded on eBay's Partner Network Dashboard.

Leadership Experience

Phi Gamma Delta

November 2021 – November 2023

Judicial Board Chairman / Head of Risk Management

- Developed and implemented risk management policies, conducted safety audits, trained members on risk awareness, communicated with emergency service officials, and ensured compliance with university and fraternity regulations for an organization of 140+ active members.

Relevant Skills

- Python, C, C++, x86-64 Assembly, Java, JavaScript, SQL, MongoDB, HTML, CSS, EJS, Scala
- Git Version Control, Docker Containerization
- Linux Kernel, Server Management, Data Analysis, Vim