

LUKE CAMPBELL

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EDUCATION

University of Colorado Boulder, College of Engineering & Applied Science <i>B.A in Computer Science, Computer Science Major</i> <ul style="list-style-type: none">Minoring in Philosophy, College of Arts & Sciences	Boulder, CO <i>August 2020 - December 2024</i>
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RELEVANT COURSEWORK & SKILLS

Programming Language Proficiency:

- Python, C, C++, Java, Javascript, SQL, HTML, CSS, EJS, Assembly, Scala

Relevant Coursework:

- Starting Computing, Data Structures, Discrete Structures, Computer Systems, Principles of Programming Languages, Software Development, Algorithms, Object-Oriented Analysis, CyberSecurity, Database Systems, Data Mining, Human-Computer Interaction

Skills: Docker, Figma, Version Control (Git), Server Management, Excel, Data Analysis, Statistics, VS Code, MySQL

PERSONAL PROJECTS

Real-Time Inventory Monitor for E-Commerce Creator and Lead Developer <ul style="list-style-type: none">Utilized python and its requests library to develop a system that monitors online inventory on major e-commerce platforms including Target, eBay, and Walmart.Deployed and maintained program hosted on Google Cloud server running CentOS.Formed a partnership and licensing agreement with a for-profit Discord server with 3000+ members and implemented webhook integration to provide stock notifications, generated \$1.2M in gross revenue on eBay in three months.	Redwood City, CA <i>January 2020 - August 2020</i>
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EventEDU Full-Stack Developer <ul style="list-style-type: none">Worked alongside a team to create a social media website where college students can join communities of interest, discover events happening nearby, and form online friendshipsUtilized Microsoft Azure, NodeJS, JavaScript, HTML, CSS, EJS, PostgreSQL.	Boulder, CO <i>October 2023 - December 2023</i>
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LEADERSHIP EXPERIENCE

Phi Gamma Delta Risk Management Chairman <ul style="list-style-type: none">Ensured the safety and well-being of fraternity members and guests during events and activities. Gained valuable experience in effective risk assessment, crisis management, and decision-making under pressure.	Boulder, CO <i>November 2021 - November 2022</i>
Judicial Board Chairman <ul style="list-style-type: none">Experience in conflict resolution and decision-making within a diverse and close-knit community. I had the responsibility of overseeing disciplinary matters, promoting fairness, and upholding fraternity values and standards.	<i>November 2022 - November 2023</i>

CERTIFICATIONS, HONORS & ACHIEVEMENTS

Dean's List (College of Engineering & Applied Science) <ul style="list-style-type: none">2023	
Certificate of Merit for Outstanding Achievement, Computer Science <ul style="list-style-type: none">Award presented for outstanding achievement in AP computer science concepts	Belmont, CA <i>April 2020</i>
AIG Shields Up: Cybersecurity Certification <ul style="list-style-type: none">Completed a cybersecurity threat analysis simulation for the Cyber Defense Unit, staying updated on CISA publications.Researched and understood reported vulnerabilities, showcasing analytical skills in cybersecurity.Drafted a clear and concise email to guide teams on vulnerability remediation.Utilized Python skills to write a script for ethical hacking, avoiding ransom payments by brute forcing decryption keys.	<i>December 2023</i>
Mastercard Cybersecurity Certification <ul style="list-style-type: none">Completed a job simulation where I served as an analyst on Mastercard's Security Awareness TeamHelped identify and report security threats such as phishingAnalyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams	<i>December 2023</i>
OverTheWire: Bandit Wargame <ul style="list-style-type: none">Interactive cybersecurity challenge that cultivates proficiency in Unix/Linux command-line skills, SSH, data manipulation and injection, and general experience identifying network vulnerabilities.Foundational cybersecurity experience through problem solving a progressive 33-level puzzle, understanding and exploiting network systems.	<i>January 2023</i>

PERSONAL INTERESTS & HOBBIES

- Ethical Hacking, Reading, Trail Hiking, Camping, Linux, Chess, Vintage Technology, Self-Improvement