

Vincent Bowen

vincent.bowen@colorado.edu 719-200-7310 www.linkedin.com/in/VincentBowen

TECHNICAL SKILLS

- Languages: C++, C, Python, HTML, JavaScript, PostgreSQL, CSS
- Frameworks and Libraries: Twitter Bootstrap, Node.js, Materialize, NumPy, SciPy, Folium, Matplotlib, Pandas
- Tools: GNU Debugger, Git, Docker, GitHub Actions, Google Test Suite, Parallels, Jupyter Notebooks

PROJECTS

- vincentbowen.com - A personal website highlighting Front-End web development skills, with an increased focus on accessibility, readability, and editability to allow for versioning. Technologies: HTML 5, CSS, Twitter Bootstrap, Git
- Terminal Based Game - An "Avatar: the Last Airbender" themed, single player game based in the terminal, focusing on beating bosses and moving through levels. The game was built using classes for: maps, villains, stores, NPCs, and the player, with various data structures representing player attributes. Technologies: C++, Object-Oriented Programming, Git
- Simple Cryptocurrency - A basic implementation of a cryptocurrency with functions such as: mining, adding transactions, and block chain verification using hashes. The currency could be traded, mined, and the ledger could be viewed through the terminal. Technologies: C++, Object-Oriented Programming, Hashing, SHA-256, Data Structures, Git
- AirfareAffairs - A website created with a group allowing logged-in users to search real-time flights to add to a personalized weekly calendar. To implement an effective search, four HTTP requests to external APIs were utilized to display flights and weather in desired cities. Technologies: PostgreSQL, Docker, Git, Entity-relationship diagrams, EJS, HTML, CSS, Twitter Bootstrap, Javascript, Node.js, Express.js, Axios

EDUCATION

UNIVERSITY OF COLORADO BOULDER, Boulder, CO

Expected 2025

Bachelor of Science in Computer Science with minor in Political Science

Certificate in Engineering Leadership

GPA: 3.48/4.0

Relevant Course Work: Algorithms, Intro to Data Science, Data Structures, Computer Systems, Discrete Mathematics, Software Development and Tools, Critical Thinking, Global Engineering, Human Computer Interaction

Activities: Google Developer Student Clubs, Global Engineering Residential Academic Program, Competitive Climbing Team, LeetCode Club

ACHIEVEMENTS

- People's Choice Award for Engineering Without Borders UK Engineering For People Design Challenge. 2021-2022
- University of Colorado Boulder College of Engineering and Applied Science Deans List. 2021-2022
- Graduated from Air Academy High School Summa Cum Laude. May 2021
- National Honors Society Membership. May, 2019 - May 2021
- College Board National Recognition Program. May, 2020

EXPERIENCE

GOOGLE DEVELOPER STUDENT CLUBS AT CU BOULDER, Boulder, Co

2023 - Present

President

- Leads and organizes a 352 member organization aiming to help students grow their knowledge in a peer-to-peer learning environment, and build solutions for local businesses and communities
- Hosted Welcome and Introduction to GDSC 2023 Solution Challenge Event, and coordinated with experts to plan technical workshops and networking events
- Registered Student Organization at CU Boulder and recognized chapter of Google Developer Student Clubs

UNIVERSITY OF COLORADO BOOKSTORE, Boulder, Co

2022 - 2023

Assistant Lead of Shipping for ECommerce Department

- Oversaw roughly 15,000 textbook orders for the Fall semester of 2022 and Spring Semester of 2023
- Led teams to fulfill, package, and ship hundreds of textbook and merchandise orders per day
- Resolved numerous customer inquiries through email and live chat services