

Varun Cheela

Boulder, Colorado | 303-949-1594 | varuncheela@gmail.com

Education

Bachelor of Science: Computer Science, Minor: Data Science/ Finance | **University of Colorado at Boulder** | Spring 2026 | **GPA: 3.9**
Relevant Courses/Skills: Data Science with Probability and Statistics, Macro Economics, Data Collection and Analysis, Algorithms, Computer Systems
Bachelor of Science: Computer Science, Minor: Business | **Colorado School of Mines** | Golden, CO | Fall 2022-Spring 2024 | **GPA: 3.6**
Relevant Courses/Skills: Database Management, Linux OS, Data Structures and Algorithms, Object Oriented Programming, Python, C++, Java, SQL

Technical Skills

Python, Flutter, C++, C, Java, SQL, Linux, Firebase, Agile, Microsoft Office, SolidWorks, Tableau, Profit and Loss management, etc.
Time management, Motivated, Inclusive, Cooperative, Collaborative, Articulate

Professional Experience

Data Scientist / Machine Learning Engineer Internship | Untapped Learning | Superior, Colorado | June 2024 – Present

- Analyzed student performance and social media data using Python, developing dynamic graphs and statistical models to identify trends.
- Created custom GPT models to generate tailored learning strategies for students based on company principles and market-specific social media posts based on performance data.
- Developed a CRM system to categorize and manage contacts, integrating a custom GPT solution to generate targeted marketing strategies and optimize outreach.
- Built a sports therapy program generator using external coaching data, leveraging Python to itemize and personalize therapy plans for student-athletes, supported by custom GPT suggestions.
- Utilized data manipulation, programming, and machine learning techniques to enhance educational outcomes and optimize social media strategies for the company.

Software Engineer | Variotech | Aurora, Colorado | June 2021 – Present

- Involved in application support using Python and database apps
- Effectively communicated with clients to manage and resolve technical issues, delivering high-quality service and support.
 - Developed and integrated a custom inventory management program that streamlined the client's warehouse operations by automating new input processes and optimizing inventory organization, resulting in improved efficiency

Support Engineer | JC Penney | Aurora, Colorado | May 2023 – August 2023

- Configured Hardware such as iPads, computers, and registers to the JCPenney data base and software systems.
- Configured and integrated hardware systems, including iPads, computers, and registers, with JCPenney's database and proprietary software, ensuring seamless functionality across the store network.
- Programmed and optimized point-of-sale (POS) registers by connecting payment terminals, scanners, keyboards, and monitors to the store's system, enhancing operational efficiency.
- Provided comprehensive technical support, troubleshooting and resolving a variety of hardware and system issues to minimize downtime and improve in-store performance.

Projects

App Developer / Co-Founder | Love on the Spot | Golden, Colorado | March 2023 – August 2023

- Spearheaded the development of a cross-platform dating app for Android and iOS using the Flutter framework, incorporating Flutter Hooks and Dart for a seamless front-end user experience.
- Engineered and implemented backend infrastructure with Firebase to ensure robust data handling, scalability, and real-time user engagement.
- Strategized and executed targeted marketing initiatives to drive app awareness and user acquisition, contributing to product launch success.

Skin Care Recognition, Personal Project | Colorado School of Mines | Golden, Colorado | January 2023– March 2023

- Created a machine learning program through python that scrapes images of skin deformities. I then stored pictures into data files.
- Helped train an algorithm that recognizes skin deformities. This algorithm was python based and used machine learning to develop patterns in skin based on the pictures that were scraped online.

Leadership Experience/ Additional Experience

College Football | Colorado School of Mines | NCAA DII Football

- Played Defensive Back for Colorado School of Mines, consistently ranked among the top in NCAA Division II.

Football Coach | I9 and Spartans

- Coached youth flag football for 8–10-year-old and youth tackle football for 10-15 year olds

Vice President for Unstuck | Cu Boulder Organization

- Helped found an organization that educates students on how to effectively use and perform executive functioning skills.
- In charge of events, marketing, and volunteering.

Peer Tutoring/ High School and Middle School Teacher | Personal Tutoring, Hello Subs, Untapped Learning

- Have over 500+ hours tutoring and substitute teaching in total from high school and college. Have taught all ages K-12.

Extracurricular Activities

Colorado School of Mines Football, Mines Rugby, CU South Asian Student Association, CU Telugu Student Associate, Fall 2022 Honor Roll, Spring 2022 Honor Roll, Fall 2023 Honor Roll, Spring 2023 Honor Roll