Blake DeHaas

Passionate computer science senior with a strong interest in machine learning, software engineering, and research.

EDUCATION & COURSEWORK

University of Colorado - Boulder
Bachelor of Arts in Computer Science
Minor in Information Science

GPA: 3.565
Graduation: December 2024

Highlighted Coursework: Applied Machine Learning, Intro to Artificial Intelligence, Software Development, User-Centered Design**,** Intro to Data Science, Information Visualization, Technical Communication and Design

TECHNICAL SKILLS & PROJECT EXPERIENCE

Software & Tools: VS Code, Python, Scala, C++, Figma, Altair, Agile Development, Github, Copilot

Mind Scribe Team Lead - Full Stack Software Development Project - Software Development
- Led a team through full-stack development of a generative AI-powered journaling web application using the Agile development framework.
- Used the ChatGPT API to implement automatic sentiment analysis, summarize, and format features
- Built the back-end SQL database, API integration, and front-end journal entry functionality.
- Deployed through Docker containers and to Azure Cloud for live application presentation.

CU Boulder Events App Redesign - Design Project - User-Centered Design
- Built prototype for redesigned CU Boulder events app centered around community.
- Used user-centered design principles to brainstorm, collect user input, and iterate.
- Presented to campus stakeholders at the 2023 INFO Showcase.

WORK & RESEARCH EXPERIENCE

Laboratory for Atmospheric and Space Physics (LASP) / Undergraduate Operations Software Engineer / *October 2023 - Present*

Geospatial Human-centered Artificial Intelligence (GeoHAI) / Undergraduate Machine Learning Research Assistant / *January 2024 - Present*

Deloitte / Government and Public Services Consulting Externship / *August 2023*

Panera Bread / Cashier **/** *November 2019 - August 2020* **/** *January 2022 - May 2022*

Vector Marketing / Sales Representative **/** *May 2019 - September 2019*

Debate Team / Captain of Public Forum Debate **/** *August 2019 - May 2020*