

Ethan Zaruba-Walker

Contact

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Education

University of Colorado,
Boulder, Colorado
B.S. Information Science,
Cognitive Science certificate
Graduated May 2023

Hard Skills

Python
SQL
Swagger API
AI Modeling
Flask
Postgres
Tableau
Cloud services
Docker/Kubernetes
Git
TensorFlow
SciKit-Learn

Soft Skills

Communication
Problem-Solving
Analytics
Collaboration
Organization

Interests

Tennis
Psychology
Hiking
Skiing
EMT

Summary

Passionate about continuously learning new skills and using data and software to improve our technology experience. Skilled at using data to drive business value, improve employee engagement, and leave a lasting impression.

Experience

October 2023 – Present

AI Consultant • Contractor • Allies Against Slavery (501c3)

- Developing an AI-based text processing pipeline to increase the product's scope and value

May 2022 – August 2022

NFT Community Manager • Intern • Wiz Music Inc.

- Applied Python scripting to automate the investor outreach workflow

May 2021 – August 2021

Machine Learning Engineer • Intern • Valhalla Healthcare Inc.

- Researched, designed and built a machine learning model that augmented the capabilities of healthcare providers by translating hand-written notes to an extensible data model across the business

August 2018 – December 2020

Data Engineer • Customer Support • IBM

- Designed, built, and deployed a SQL-based data platform for advanced analytics, automating hours of work for support teams
- Employed Design Thinking to design source-to-target data transformation and communicate technical ideas to non-technical stakeholders
- Built and launched business intelligence dashboards that provided actionable, operational insights to C-level executives
- Designed, built, and integrated a scalable machine learning application into Slack that allowed support engineers to find similar service records, accelerating time to resolution and employee productivity

May 2017 – August 2017

AR/VR Developer • ThinkLab Research • IBM

- Designed, built, and deployed an interactive AR exhibit at the entrance, driving passer-by interest and engagement in ThinkLab Research products

Relevant Projects

June 2020

Team Lead / Data Scientist • Hackathon for racial justice (2nd Place) • IBM

- Recruited a team of fellow interns, facilitated goal-oriented conversation
- Aggregated and analyzed data from diverse sources, investigated patterns in the data and presented a compelling data-driven story to the team, professional mentors and executive judges using Tableau and Power Point

January 2019 – December 2021

Executive Council • Alpha Phi Delta Fraternity • CU Boulder

- Established internal reporting and records protocols to ensure best practices
- Key initiatives included academic records, recruitment profiles, and work order RFPs and responses