
Eadyn Thompson

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EDUCATION

Colorado School of Mines August 2022 - May 2025 *Bachelor of Science, Computer Science*

Data Science Specialty, Minor in Mathematics

Presidential Scholar, 3.99 GPA

Coursework: data analytics, programming, web development, advanced statistics

EXPERIENCE

Ovintiv - *Cooperative*

Summer 2024

Cleaned and annotated image data for image segmentation models using a Mask-RCNN architecture. Used Python tools and OpenCV to explore and visualize image features. 3000+ images from 50+ working locations, introduced as part of the geological analysis process, improving the accuracy of new site selection.

Veradigm - *Intern, Payer Analytics Development Team*

Summer 2023

Authored and iterated machine learning systems for payer analytics working with social determinants of health to model patient outcomes. Worked with medical claims data and EHR records utilizing industry standards such as ICD and HCC codes. Applied survival analysis techniques to utilization problems. Models created were used with health plan patients as part of a commercial service offering.

Serva Health - *Intern, New Technologies Development*

Summer 2021

Created more than 200 pages of protocols, introductory materials, and documentation for Clinical Trial Software, designed for technical and non-technical users.

SKILLS

Programming (Python, R, Java, C++)	Artificial Intelligence Machine Learning with TensorFlow, Keras, PyTorch	Natural Language Processing and Generation
Data Visualization and Manipulation	SQL, Pandas	Developer Tooling and Version Control, Git
Agile Programming	Testing Driven Development and Automation	Bayesian Statistics, Monte Carlo Methods

ACTIVITIES AND ACCOMPLISHMENTS

Mines Association for Computing Machinery, Linux Users Group

Member of Alpha Tau Omega fraternity, volunteering with Habitat for Humanity

Created a transformer language model using custom encoding and dataset

Won the Urban Infrastructure Competition for creating an Arduino system to transmit and receive messages to improve cyclist safety