

RYAN THOMPSON

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PROFILE SUMMARY

Passionate computer science graduate with a drive for artificial intelligence, data science, and machine learning. Currently pursuing a Masters of Science in Artificial Intelligence and Machine Learning, Eager to join a motivated software company offering opportunities specializing in artificial intelligence, data manipulation, data science, and machine learning. Aiming to contribute my skills while simultaneously expanding my knowledge and professional growth in tandem with the company.

PROFESSIONAL SKILLS

Agile	ETL
Databases	GitHub
Data analysis	Linux
Data visualization	Scrum

PROGRAMMING LANGUAGES

C/C++	MongoDB	PostgreSQL
HTML/CSS	MySQL	PHP
Java	NodeJS	Python
JavaScript	Numpy	TensorFlow

EDUCATION

Masters of Science in Artificial Intelligence and Machine Learning

Colorado State University Global
December 2023 - October 2025

Bachelors of Science in Computer Science

Boise State University
August 2016- May 2021

Certificate in Data Science

Boise State University
August 2019 - May 2021

WORK EXPERIENCE

Software Engineer

May 2022 - May 2023

Twitter

- Implemented the agile methodology to develop and maintain backend systems, primarily using Java and MySQL.
- Assisted in implementing new features and functionality on Twitter's platform and APIs.

Software Developer

March 2021 - present

Computational Biosciences Research Laboratory

- Extracted, transformed and loaded(ETL) raw data for computational knee models using Python, MatLab, and MySQL databases.
- Harnessed data visualization tools such as Tableau, in order to find data driven insights.
- Primarily made use of Linux systems and GitHub for the research and development process.
- Applied TensorFlow, using machine learning to determine optimal knee treatment pathways on a patient-specific basis.

Web Developer

January 2017-May 2021

Boise State University

- Assisted in development of BSU's websites using HTML, CSS, JavaScript, PHP, JSON, XML, Node.js.
- Revamped and deployed front end features with HTML, CSS, plain JS, and JQuery.
- Aided in development and maintenance of BSU's database servers with mostly Python, PHP, and MySQL.

Operations Manager

January 2013-July2016

Performance Bicycles

- Ran store operations, such as inventory, employee management, and customer assistance.