

Zach Sahlin

Seattle, WA



EDUCATION

Gonzaga University | Spokane, WA

Aug 2019 – Expected May 2023

BS in Computer Science, Minor in Applied Mathematics

- GPA: 3.86
- President's List: Fall 2019, Spring 2020, Spring 2021
- Dean's List: Fall 2020, Fall 2021

RELATED COURSEWORK

- Machine Learning & Intelligent Systems
- Data Science Algorithms
- Database Management Systems
- Software Development

SKILLS

- Programming Languages: Java, Python, C++, SQL
- Tools: Git, Linux, Docker, Postgres
- Machine Learning, Web Scraping

RELATED PROJECTS

Stock Analyzer | Python, Postgres, selenium

Summer 2022

- Collects historical and current data from various sources using APIs and webscraping.
- Performs analysis on current market trends.
- Provides user with information on when to buy, hold, or sell stocks.

Spotify Predictor | Python, pandas, scikit-learn, Matplotlib

Fall 2020

- Uses a decision tree and kNN to predict whether I will skip a song with an 81% accuracy.
- Connects to the Spotify API to gather additional data on each song.
- Uses Matplotlib to create plots to analyze the dataset.

WORK EXPERIENCE

iD Tech | Online Private Instructor

June 2021 – Present

- Tutored in 8 different computer science topics, including C++, Java, and Python.
- Completed over 200 private lessons.
- Built relationships with long-term clients, and developed further skills in communication and coding.
- Collaborated with other instructors to improve teaching methods.