Adam Conrad

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EDUCATION

OREGON STATE UNIVERSITY

BS in Computer Science
Sep 2017 | Corvallis, OR
Focus: Artificial Intelligence
Major GPA: 3.15 / 4.0

COURSEWORK

Operating Systems
Computer Networks
Artificial Intelligence
Algorithmic Analysis
Database Systems
Machine Learning
Data Mining
Cloud Computing
Discrete Mathematics
Linear Algebra
Data Visualization

SKILLS

PROGRAMMING

Over 5000 lines:
Python
C++
C
Over 1000 lines:
R
SQL
MATLAB
Shell
Javascript
x86 Assembly
HTML/CSS

TECHNOLOGIES

Git
Tensorflow
Pandas
Scikit
PostgreSQL
Node.JS
Solidworks
MongDB

LINKS

Github:// **adamconrad7**
LinkedIn:// **adamconrad7**

EXPERIENCE

OAKRIDGE AIR PROJECT | Data Scientist

May 2020 – Present | Oakridge, OR

- Constructed data pipelines, statistical models, and multiple visualizations to analyze air quality and health data.
- Worked with a team of researchers and multiple stakeholders to deliver high quality insights from data.

DUSTBUSTERS PLUS, LLC | Wildland Firefighter

May 2018 – Sep 2018 | Eugene, OR

- Worked as a wildland firefighter in the Willamette Valley.
- Demonstrated rock-solid work ethic in addition to seamless group work and communication under pressure.

OREGON STATE UNIVERSITY | Engineering Teaching Assistant

Sep 2017 – Jan 2018 | Corvallis, OR

- Worked under the department of EECS (Electrical engineering and Computer Science) as a teaching assistant.
- Helped other undergrads to enhance their knowledge of computer science topics.

PROJECTS

NAIVE BAYES SENTIMENT CLASSIFIER November 2018

A sentiment classifier based on Bayesian probability theory. Works by featurizing data then building a probability table for each word in the vocab set.

- Using no outside libraries or modules, the classifier was built from scratch including creation of lookup tables.
- Capable of classifying restaurant's yelp reviews with over 90% accuracy.

WILDFIRE RESPONSE MODEL Jun 2018

An end-to-end machine learning program that builds a data pipeline and trains a model from the ground up. 96% accurate in predicting the Northwest Area Wildfire Preparedness Level (NWAPL).

- Scrapes training data from the web using Beautiful Soup and PyPDF2.
- Once useful data has been assembled, Scikit-learn is used to train the model and for accuracy metrics.
- Data is sanitized and formatted using Numpy and Pandas.

STOCK TRACKER November 2018

Built a finance application that allowed users to view stocks and build an investment portfolio.

- Utilized an API to provide real time updates to user's portfolios.
- Stores user's portfolios using a server-side Postgres database.

ORGANIZATIONS

2017 - Present President of Risk Management, Delta Upsilon International Fraternity
2017 - Present Association for Computing Machinery Society

AWARDS

2019 - 2020 4-time Dean's List recipient. (>3.5 GPA)
2017 2nd/300 Young Entrepreneurs Business Week Finalist.