Conor W. Hanson

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Summary

A Data Analyst and Data Systems Designer seeking to apply hard skills of programming and coding with soft skills of critical thinking and interpersonal communication to creatively solve complex problems with data-driven solutions. Trained at the University of Minnesota Data Analysis & Visualization BootCamp, as well as in Philosophy at the University of Wisconsin-Stevens Point. Enjoys collaborating with a team, is detail oriented, and seeks to meticulously bring projects from development to deployment.

Experience in developing automated data processing scripts in Python, harnessing APIs for ETL data pipelines, utilizing Python packages for data cleaning and analysis such as Pandas, Seaborn, and Matplotlib, SQL queries and database creation in PostGreSQL and MongoDB(NoSQL) using SQLAlchemy, building Python apps paired with Flask to deploy dynamic web apps for data processing and visualization, to statistical modeling and regression in RStudio, and building machine learning models in TensorFlow with Keras and Scikit-learn (supervised, unsupervised, and deep neural networks). Familiarity with AWS S3 and RDS for Big Data storage, as well as PySpark and Hadoop for Big Data processing. Experience with Tableau dashboard creation and data story-telling. Possesses the intuitiveness to quickly learn new technologies and platforms and is always researching the newest data science tech.

Technical Skills

Programming Languages:
Python
SQL
R
JavaScript
HTML
VBA

Softwares/Platforms:
Python Packages: Pandas, Matplotlib, Seaborn, Plotly, Numpy, Flask, Scikit-learn, SQLAlchemy
GitHub version control
APIs with Python and JavaScript
Spark and PySpark
Natural Language Processing
Tableau
Excel
RStudio
PGAdmin (PostgreSQL)
VSCode
SQLite
MongoDB
AWS S3 and RDS
Machine Learning with TensorFlow and Scikit-learn

Education

Data Analysis & Visualization BootCamp Certificate: University of Minnesota, Minneapolis, MN
March 2022 - September 2022

This was a 24-week intensive bootcamp designed to immerse us in the world and tools of data science. It was heavily focused on data analysis and processing in Python, but included the necessary training with R, SQL and non-relational databases, Big Data storage and processing, ETL development, web app construction, and a good dose of machine learning and neural networks.

B.A. in Philosophy *(summa cum laude)***:** University of Wisconsin - Stevens Point, Stevens Point, WI
2015 - 2019

Areas of interest/competency: Philosophy of Religion, Philosophical Theology, Christian Theology, Moral Philosophy, Ethics, Metaphysics , Political Philosophy/Political Theory, Logic.

Awards: Continuing Student Scholarship – Department of Philosophy, Spring 2018

Distinguished Achievement Award, Continuing Student in the Department of Philosophy - College of Letters and Sciences, Spring 2018

Boethius Book Award, Spring 2019

Publications: "How Dave Chappelle and Saint Augustine Help Us See Ourselves" in *Dave Chappelle and Philosophy: When Keeping It Wrong Gets Real (Pop Culture and Philosophy)* Ed. Mark Ralkowski. Chicago: Open Universe, 2021.

2-Year Technical Diploma Automotive Technician: Madison Area Technical College
2008-2010

Experience

Data and Information Systems Coordinator - ACET, Inc. Bloomington, MN

September 2023 - present

I research, test, recommend, and develop data and information systems pertinent to company and client needs, harness many APIs and build data pipelines using Python to automate company processes and client project data needs, spearhead development and implementation of internal company data security systems and policies, and maintain company software platforms such as Google Workspace and Smartsheet.

Research and Data Assistant - ACET, Inc. Bloomington, MN

September 2022 - September 2023

I obtained and organized literature/data for review, administered surveys and supported data collection efforts, took and summarized notes at internal and client meetings, organized and co-facilitated focus groups and interviews, recorded and reviewed data for quality, transferred data into spreadsheets, tables, and charts to illustrate key findings, explored, cleaned, and analyzed data, tracked data and supported project teams.

Stay-at-home-dad

September 2021 - September 2022

I have been the primary caretaker for my daughter since her birth in 2019, but I've stayed home full-time with her since September 2021. It was during this time I began my Data Analysis program at the U of M.