Conor W. Hanson

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Summary

A Data Analyst 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 trained 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 ETL data pipelines in Pandas, SQL queries and database creation in PostGreSQL and MongoDB(NoSQL), 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. 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**
- **JQuery**
- **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)**
- **SQLite**
- **VSCode**
- **SQLite**
- **MongoDB**
- **AWS S3 and RDS**
- **Machine Learning with TensorFlow and Scikit-learn**

Education

Certificate in Data Analysis & Visualization: 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-relation 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

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.

Campus Pastor/Campus Administrator - Greenhouse Movement**,** Whitewater, WI
September 2020 - September 2021

I mentored college students, met with them regularly, constructed Bible studies and teachings, and supported students in their collegiate path. As an administrator I managed social media accounts for the church, formulated and maintained weekly newsletters, coordinated with student organization representatives, and collaborated with other campus organizations.

Teaching Assistant (Discussion Leader) - University of Wisconsin - Stevens Point, Stevens Point, WI
January 2019 - May 2019

Under the supervision of a full-time Philosophy Professor I led a weekly discussion group in conjunction with a Philosophy 100 course. Materials and readings were provided by the Professor, I led discussion on the course readings for that week, and I collected and edited weekly writing assignments.