

Colton B. Horton

American Fork, UT | (765) 421-1782 | cbhorton6819@gmail.com
[linkedin.com/in/cbhorton6819](https://www.linkedin.com/in/cbhorton6819) | [cbhorton6819.github.io](https://github.com/cbhorton6819)

Education

Western Governors University

M.S. in Data Analytics

- Member of the WGU NSLS Honor Society

Dec. 2022 – Jul. 2024

Salt Lake City, UT

Brigham Young University

B.S. in Microbiology

- Recipient of university and alumni scholarships throughout program

May. 2018 – Apr. 2022

Provo, UT

Completed Coursework

D204 - *The Data Analytics Journey*

D205 - *Data Acquisition*

D206 - *Data Cleaning*

D207 - *Exploratory Data Analysis*

D208 - *Predictive Modeling*

D209 - *Data Mining I*

D210 - *Representation and Reporting*

D211 - *Advanced Data Acquisition*

D212 - *Data Mining II*

D213 - *Advanced Data Analytics*

D214 - *Data Analytics Graduate Capstone*

please see [cbhorton.github.io](https://github.com/cbhorton6819) for more information about course content.

Experiences

Data Analyst Intern

FirstEnergy Corp.

- Anticipated internship end date: August 2024.
- Build statistical models to analyze call center and customer experience data
- Use data visualization tools to communicate trends to key figures in the company
- Implement a variety of machine learning algorithms to make predictive forecasts
- Assist in database migration and validation

May 2024 – Present

Remote - Akron, OH

Underwriting Analyst

EMI Health

- Build medical quotes using actuarial models and group risk evaluation
- Data pre-processing and entry
- Pool and group health data analysis
- Assist in preparing executive presentations

Jul. 2023 – May 2024

Hybrid - Murray, UT

Quantitative Financial Analyst Intern

Family retail account

- Research, implement, log, and analyze a variety of small account option strategies
- Gained firsthand experiencing directly placing orders and managing positions

Jul. 2023 – Dec. 2023

Remote

Teaching/Course Assistant & Tutor

BYU Department of Statistics & BYU Independent Study

- Courses: Stat 121 Principles of Statistics (4 total semesters) & Psych 308 Psychological Statistics (2 terms)
- Tutor students individually and in groups in both virtual and in-person settings
- Train and work with a team of other TA/tutors to improve student experiences

Aug. 2018 – Aug. 2019

Provo, UT

Skills

Programming Languages

- Python (2 Years)
- R (1.5 years)
- SQL (1 year)
- Visual Basic (6 months)

Software

- Microsoft Excel/Suite
- Tableau
- PostgreSQL
- RapidMiner

Analytical

- Trend Modeling
- Predictive Inference
- Database Management
- Data Visualization