

Christopher Craig
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Business Intelligence analyst pursuing a career in statistics and data science. Seeking a position in a fast paced and collaborative environment with ample learning opportunities.

EDUCATION:

University of Colorado Boulder

Masters of Science in Applied Mathematics

Boulder, CO
May 2021

- Focus in Statistics and Data Science
- Completed out of department sequence in Geographic Information Science

Shippensburg University

Bachelor of Science in Mathematics

Shippensburg, PA
May 2019

- Major in Applied Mathematics with a Minor in Geographic Information Systems
- Four-year scholarship NCAA athlete
- Graduated Magna Cum Laude with a 3.73 GPA

HONORS AND ACTIVITIES:

- Member of LISA (Laboratory for Interdisciplinary Statistical Analysis) at CU Boulder
- Conducted graduate research with the US Fish and Wildlife Service developing a decision model to provide support to grassland managers in the Midwest United States
- Presented undergraduate research in combinatorics at the Mathematical Association of America Pennsylvania/Delaware section Fall 2018 meeting
- 4 Year Recipient of Board of Governors Scholarship

WORK EXPERIENCE:

Business Intelligence Analyst

2022 - Present

Farmers Mutual Hail, Des Moines IA

- Provide Data Science oriented solutions to business problems for different company departments and revenue streams
- Move projects carried out annually into Python saving other analysts greater than an estimated 400 hours per year in the process
- Create Machine Learning Models to identify areas for rate scrutinization and hypothesis testing
- Perform ad-hoc duties such as mapping in Tableau and data wrangling in Python

Independent Contracted Tutor

2021 - 2022

Fusion Math, Seattle WA (remote)

- Tutored high school students by appointment in courses ranging from algebra to AP calculus and statistics
- Worked with parents to ensure their children's academic needs were met throughout the school year

Applied Mathematics Peer Mentoring Program Leader

2020-2021

Applied Math Department, University of Colorado Boulder

- Helped organize the structure for the first year of the peer mentoring program for CU's professional master's program in applied mathematics
- Collaborated with grad program leaders to ensure incoming students needs were being met throughout the semester

SOFTWARE COMPETENCIES:

- Languages: Python (pandas, polars, numpy, scikit-learn, tensorflow, tabula, beautiful soup), R (tidyverse, RShiny), SQL with Oracle
- Software: Tableau, ArcMap, ArcGIS Pro, QGIS, Mathematica

LEADERSHIP:

- Mandarin Chinese and Mathematics tutor from 2017-2019 at the Shippensburg Learning Center
- Captain of the Shippensburg Track team 2016-2019, member of the CU Boulder Track team 2020-2021
- Named to the 2019 Google Cloud Academic All-District Division II Team for Track and Field
- 2016 USTFCCCA Academic All-American