

COLIN MIDDLETON, MS

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FAMILIAR TOOLS

Python: pandas numpy statsmodels scikit-learn matplotlib
R | Java | SQL | Jupyter Notebooks | GitHub | LaTeX

PROJECTS

Jun 2020 – Jun 2021	Homelessness Prediction Used utility billing profiles to predict risk of experiencing homelessness. Determined usefulness of data.	Spokane Predictive Analytics
Jan 2021 – Mar 2021	Academic Paper Clustering by Topic Collaborated to create a customized K-Means model to cluster academic papers into groups by topic with intelligible group themes.	Big Data Analytics Class Project
2017	Traffic Prediction Senior Project Prediction methods for traffic arriving at the US / Canadian border	Whatcom Council of Governments

RELATED COURSEWORK

Jan 2020 – Mar 2020	Applied Linear Statistical Models Credit Hours: 5.00 Grade: A	Eastern Washington University
Apr 2020 – Jun 2020	Advanced Topics in Statistics Credit Hours: 5.00 Grade: A	Eastern Washington University
Sep 2020 – Oct 2020	Data Mining Credit Hours: 4.00 Grade: A	Eastern Washington University
Jan 2021 – Mar 2021	Big Data Analytics Credit Hours: 4.00 Grade: A	Eastern Washington University
Sep 2019 – Jun 2021	Math and Statistics Courses Credit Hours: 42.0 Grade: A	Eastern Washington University

EDUCATION

Sep 2019 – Jun 2021	Applied Mathematics, MS Total Credits: 79.00 GPA: 4.0 Awards: Outstanding Graduate, Graduate Service Appointment	Eastern Washington University
Sep 2013 – Dec 2017	Mathematics, BS Total Credits: 211.0 GPA: 3.5 Minors: Honors, Chemistry Awards: Math Fellow	Western Washington University