COLIN MIDDLETON, MS

Data Scientist

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FAMILIAR TOOLS

Python: pandas   numpy   statsmodels   scikit-learn   matplotlib

R | Java | SQL | Jupyter Notebooks | GitHub | LaTeX

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**

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**

WORK EXPERIENCE

Oct 2018 – Current	**CAD Drafter** Drafted architectural drawings using AutoCAD LT Made design adjustments and suggestions	**Brooks Middleton Architect**
Nov 2018 – May 2019	**CAD Drafter** Drafted architectural drawings using AutoCAD LT Used Dropbox to share files	**Beacon Rock Architecture Group**

RELATED COURSEWORK

Apr 2020 – Jun 2020	**Advanced Topics in Statistics** Credit Hours: 5.00 Grade: A	**Eastern Washington University**
Jan 2021 – Mar 2021	**Big Data Analytics** Credit Hours: 4.00 Grade: A	**Eastern Washington University**