

Braden Yosko

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EDUCATION

Texas A&M University, College Station, Texas Expected Fall 2021
Bachelor of Science in Applied Mathematics – Minor in Economics
GPA: 3.4
College Station High School, College Station, Texas May 2017
GPA: 4.0

EXPERIENCE

Texas A&M Economics Department January 2021-Present
Student Research Assistant

- Researching effects of natural disasters on location-based consumer behavior using Hurricane Harvey and Houston flooding data.
- Directly involved and engaged with data cleaning, analysis, and interpretation.
- Extensive use of geopandas, pandas, matplotlib, and many other scientific Python packages.

Texas A&M High Performance Research Computing June 2019 – January 2021
Student Worker/Student Research Assistant

- Coordinates and runs Zoom instructional meetings, answering questions and providing support to users real-time and manages HPRC YouTube account.
- Researching student engagement patterns through online interfaces and courses.

Data Science Student Trainee

- Involved in development of "Simulocean" which allows academic researchers to use data from NOAA ocean buoys for creating models to predict ocean levels, currents, wind directions, and many more variables.
- Primarily involved in scraping, parsing, and sorting of data on backend.
 - Extensive use of Linux and Python - libraries used include: scrapy, pandas, matplotlib, Django as a web framework, and Celery for distributed task queues.

Reynolds and Reynolds, College Station, Texas May 2018 – August 2018
Summer Mobile Recovery Center Engineer Intern

- Diagnosed and repaired problems facing Mobile Recovery Centers
- Worked on both individual and group projects, learning to effectively strategize solutions

Reynolds and Reynolds, College Station, Texas May 2017 – August 2017
Summer Supplies Sales Intern

- Received and placed calls assisting customers with supplies orders
- Analyzed data in Microsoft Excel to provide supervisor with visual interpretations of data

SKILLS

Strong knowledge of Python and R for data analysis and geospatial analysis
Strong knowledge of C++
Strong knowledge of Linux OS – primarily Debian and Ubuntu
Experience with parallel programming using MPI and Celery

