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Morgan Hobson

Github: mohobson
Website: mohobson.com

Education

| Raleigh, NC | NC State University | Graduation: Dec. 2019 |

B.S. in Civil Engineering | Minor in Business Administration

Employment

| Roadway Design Analyst | Kimley-Horn | May 2019 – Present |

- Using CAD software and consulting skills to design and assist management of roadway projects to exceed client expectations.
- Serving as Continuous Quality Improvement (CQI) Champ for the Raleigh Infrastructure group, empowering me to find ways to promote quality.
- Developed a batch processing tool that automates an estimated 15-60 minutes of manual labor for analysts throughout the company during the construction plans submittal process.
- Learned Bentley's new OpenRoads CAD software which is the future design software for most roadway engineering consultants; documented notes and bugs for development.
- Initiated resources for Kimley-Horn's NC offices to share production notes and important information about our largest clients.

Projects

Stock Market Data
Built a personal program in Python that uses an API to pull data from the stock market, create a spreadsheet and charts, then email the results to my inbox. This program automates an estimated 2 hours of stock market research for me per week.

Deployed Social Blog Site
Deployed a dynamic website built with **Python** and **Flask** to **Google Cloud Platform**. Application uses **Jinja**, **HTML**, **CSS**, and **SQLite**. Expanded beyond Flask's documentation to deploy the site with **Docker** and **Google App Engine**.

Skills

Git, Python, Visual Studio, HTML, CSS, Google Cloud Platform