AUSTIN S. BOHLIN

West Lafayette, IN | 219-851-7643 | abohlin@purdue.edu

PROFILE

- MS Data Analytics student seeking a position in Data Science or Data Engineering
- Skills: Python, SAS, SQL, R, AWS, Machine Learning, Autodesk, C, MS Office
- Certification: AWS CP, Six Sigma (6σ) Green Belt, Global Competency Certificate

EDUCATION

Purdue University, Krannert School of Management   **West Lafayette, IN**
Master of Science in Business Analytics and Information Management   **May 2023**
Data Science Concentration

- SAS Optimization Challenge 1st Place Winner

Purdue University   **West Lafayette, IN**
Bachelor of Science in Industrial Engineering   **May 2020**

- Minors in Psychological Science and Political Science
- Study Abroad: Culture of Cuba, Culture of Colombia, Leadership in China

ACADEMIC EXPERIENCE

Computing For Analytics

- Analyzed connections of academic citations from over 25000 papers using clustering, Dijkstra's path, and smallest dominating path with Pandas, PuLP, NetworkX

Analyzing Unstructured Data

- Performed natural language processing on product listings to perform auto tagging using a random forest
- Trained a convolutional neural network model to perform image recognition of the CIFAR10 dataset with keras
- Trained LSTM, SVM, and ANN models to predict text classification on business reviews

SAS Optimization Challenge (1st place)

- Designed a linear program to match queueing players into multiple balanced lobbies in a battle royal multiplayer game

PROFESSIONAL EXPERIENCE

Rockland Flooring   **Monon, IN**
Process Engineer   **August 2020 – May 2022**

- Managed contractor timelines and scheduling to ensure on-time startup of a new $20 million greenfield factory
- Created a facility layout in CAD for a greenfield factory to allow for bidding of a purpose-made building
- Created a site map of relevant systems to allow for large scale project planning at the Monon site
- Documented and implemented a new product application process from another site to the Monon site
- Rebuilt a straight-line fence of a glue press resulting in a straighter and higher quality product

Wabash National   **Lafayette, IN**
Manufacturing Systems Engineer   **May 2019 – March 2020**

- Developed change management process to aid in management of large-scale changes
- Conducted analysis of lift gate installation to assist in process implementation at another site
- Developing a best practice sharing process to facilitate communication between sites

LEADERSHIP ACTIVITIES, AFFILIATIONS, HONORS

- "Innovation and the Zone of Proximal Development in Engineering Education" *Journal of Engineering Entrepreneurship, 1: 2159-6948. (along with Nick Fila, Todd Fernandez, and Senay Purzer, 2017)*
- "Using Process Maps to Understand How Engineering Students Conceptualize Innovation" *2017 ASEE Annual Conference & Exposition, Columbus, OH. (along with Nick Fila and Senay Purzer, 2017)*
- Purdue Student Government Senator for the College of Engineering
- West Lafayette Traffic Commissioner for District 6