

NATE BORRIES

St. Petersburg, FL | (708) 927-6551 | nborries1@gmail.com | <https://nborries.github.io/Portfolio>

SKILLS & STRENGTHS

- **Programming:** Python (tensorflow, pandas, sklearn, numpy), SQL, PowerBI, HTML/CSS, MATLAB.
- **Software:** Google Suite, Microsoft Office (including Excel), Visual Studio Code, Git/GitHub, H2O Flow
- **Problem Solving:** Logical and data-driven approach to solution procurement.
- **Communication:** Strong, effective verbal and written skills, conversational in Spanish.

PROJECTS

Iris Flower Species Identification, Neural Network 2023

Python (pandas & tensorflow)

- Created and evaluated a neural network model to predict species of Iris Flower based on user's inputs of flower characteristics, resulting in test data set predictions with 90% accuracy.

Temperature Forecasting, Hidden Markov Model 2023

Python (tensorflow)

- Used existing observations and transition probabilities to create and test a Hidden Markov Model to predict the temperatures of the next seven days.

NCAA March Madness, University of Dayton 2020

H2O Flow, Python (pandas)

- Scraped, cleaned, organized, and analyzed past tournament/season data to determine strength and viability of variables on tournament outcomes.
- Utilized data modeling software (*H2O Flow*) to create and select model with highest accuracy to predict 2020 tournament outcome.

PROFESSIONAL EXPERIENCE

Parker Hannifin

St. Petersburg, FL

Hydraulic Territory Manager, Florida

Jul 2020-Present

- Utilized business intelligence tools for sales data analysis and market trend identification to make data-driven decisions, optimizing sales strategies contributing to sales growth of 30% (\$3.2M) in two years.
- Provided technical support, product schools, and safety training to channel partner and end-customer personnel increasing the understanding and familiarity of Parker products across Florida.
- Created and maintained relationships between Parker, 9 channel partners and 100+ end-customers establishing a prevalent footprint of Parker across Florida.
- Tasked with web development/design evaluation of a Parker distributor, resulting in increased website traffic and an easier-to-use interface.

EDUCATION

University of Dayton

Bachelor of Mechanical Engineering

Dayton, OH

Aug 2016-May 2020

University of Dayton China Institute

Minor in Design and Entrepreneurship

Suzhou, CN

Aug 2017-Dec 2017

COMMUNITY ENGAGEMENT & VOLUNTEERING

Big Brothers Big Sisters of America

Big Brother

Tampa Bay, FL

January 2022-Present