Nicholas Wibert

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Click here to visit my personal website for projects and other information.

EDUCATION

Florida State University   *Aug. 2022 – May 2024*
M.S. Statistics (4.0 GPA)
Honors: Best First Year Student in Computational Statistics (2022-23)

University of Florida   *Aug. 2018 – May 2022*
B.S. Statistics, B.A. Mathematics
Minor, Computer Science (3.82 GPA)

SKILLS

- **Programming:** R, Python (numpy, pandas, matplotlib, scikit-learn), C/C++, MATLAB, SAS
- **Data querying/reporting:** Azure Databricks, Microsoft SQL Server, SSRS, Tableau, Teradata, IBM Cognos Analytics
- **Microsoft Office suite**: Excel, Word, PowerPoint, etc.
- **Document formatting for code/results:** LaTeX, R Markdown, JupyterLab
- **Operating systems:** Windows, macOS, Linux
- **Version control:** Git and GitHub
- Resourceful + effective-problem solver in ambiguous situations
- Strong written + verbal communicator, active listener, diligent code-commenter

WORK EXPERIENCE

Data Analyst Intern, CNH Industrial   *May 2023 – Aug. 2023*
- Tasked with developing a custom tool for tracking and measuring demand forecast accuracy (specifically for brand-new parts) starting only with new parts in North America before expanding tool to all PLC teams worldwide (EMEA, LATAM, APAC)
- Designed/packaged a custom GUI application using Tkinter (Python) which provides massive time savings for pulling/reviewing data versus working directly in IBM Cognos (instantly view all global new parts data vs. waiting 10+ minutes to pull data manually)
- Tool enables PLC teams to track their forecasting performance over time and view recommended parts for review based on several key metrics, and empowers management with more precise measurements of forecast quality and methods to identify problem areas

Student Data Analyst, Publix Super Markets   *May 2022 – Jul. 2022*
- Tasked with creating in-house replacement for automated narrative reports on inventory shrinkage (previously provided by contractor)
- Used SQL to query/process shrink data and prototyped R script to produce dynamic text narratives which imitated current report, before moving to Python to develop the final reporting process using numpy, pandas, and ReportLab
- Worked with leadership of retail business units (Grocery, Deli, Bakery, etc.) to identify areas for improvement in shrink reports + implement new features to provide more actionable insights than the previous report
- Deployed final script to the cloud as a Databricks notebook which is currently run by Publix every month, generating PDF reports for all 1300+ stores in under 1 hour and saving the company > $90k per year (annual cost of outsourcing the reports)

Database Specialist, Florida Department of Transportation   *Mar. 2021 – Jun. 2024*
Honors: Employee of the Month (May '21, Feb. '22, May '23)
- At the State Materials Office in Gainesville, I write queries and create database reports for the FDOT Materials Acceptance and Certification Program (MAC) using Microsoft SQL Server + Reporting Services to query a database of 1 million+ records
- Wrote a VBA program which leverages the MAC API to upload large quantities of samples/test results to the site at once
- Acted as the sole report-writer in the launch of the Earthwork Records System (ERS), a massive state-wide conversion of all Earthwork data collection/entry from paper to the Internet
- Wrote reports in SQL queries (typically 1000+ lines) to perform complex tasks such as checking for potentially falsified data, various errors in user-defined fields, and other warning signs that may indicate underlying issues with test results or equipment

ACADEMIC EXPERIENCE

(FSU) Graduate Instructor   *Aug. 2023 – May 2024*
- Taught introductory-level business statistics to undergraduate students (designing course material, lecturing, grading assignments)

(FSU) Graduate Teaching Assistant   *Aug. 2022 – May 2023*
(UF) Undergraduate Research Assistant   *Aug. 2021 – May 2022*
(UF) Calculus 1 Learning Assistant   *Aug. 2021 – Dec. 2021*