

## Nicholas Wibert

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[Click here to visit my personal website for projects and other information.](#)

### EDUCATION

<b>University of Florida</b> B.S. Statistics, B.A. Mathematics Minor, Computer Science (3.82 GPA)	<i>Aug. 2018 – May 2022</i>	<b>Florida State University</b> M.S. Statistics (4.0 GPA)	<i>Aug. 2022 – Present</i>
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### GENERAL SKILLS AND QUALIFICATIONS

#### Hard Skills

- Programming: R, Python, C/C++, MATLAB
- Data manipulation / database reporting:  
Azure Databricks, Microsoft SQL Server, SSRS, Teradata, IBM Cognos Analytics
- Data visualization: Tableau, matplotlib
- Microsoft Office suite: Excel, Word, PowerPoint, etc.
- Document formatting for code and statistical results:  
LaTeX, R Markdown
- Operating systems: Windows, macOS, Linux
- Basic experience with source control using Git and GitHub

#### Soft Skills

- Fast learner, curious, internally motivated
- Resourceful, effective problem-solver in ambiguous situations
- Strong written/verbal communicator, active listener
- Love getting to know people and collaborating on team efforts
- A sense of humor

### WORK EXPERIENCE

#### Data Analyst Intern, CNH Industrial *May 2023 – Aug. 2023*

- Intern with the North American PLC (Parts Lifecycle) team for a multinational agricultural + construction equipment company
- Tasked with developing a custom tool for tracking and measuring demand forecast accuracy (specifically for brand-new parts in their first year of life)
- Pulled demand data for new parts using IBM Cognos, and performed exploratory data analysis using Python to identify trends and significant factors which influence the first year of demand for a brand new part
- Designed and packaged a custom GUI application using Tkinter which enables the PLC team to efficiently explore their data, track performance over time, and view recommended parts for review based on a simple recommendation system

#### Student Data Analyst, Publix Super Markets *May 2022 – Jul. 2022*

- Intern with the Business Analysis & Reporting (BAR) Data Analytics team at a Fortune 100 Retailer tasked with creating an in-house replacement for automated narrative reports on inventory shrinkage (previously provided by outside contractor)
- Used SQL to query/process shrink data, and prototyped R script to produce dynamic text narratives / verify my output against existing reports for all Publix stores
- Worked with retail business units to identify areas for improvement in shrink reports + implement changes / features based on feedback
- Developed business solution in Python, leveraging Pandas and ReportLab to design / generate dynamic PDFs from queried data with more actionable insights and visual appeal than the previous report
- Deployed final script to the cloud as a Databricks notebook which is currently run by Publix every month, generating reports for all 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 – Present*

- 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 and 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 go-to report-writer in the official launch of the Earthwork Records System (ERS)
  - Worked directly with FDOT Earthwork Specialists throughout the state of Florida to design/maintain queries and SSRS reports which fit their various needs for book-keeping, checking specifications, flagging issues, etc.

### ACADEMIC EXPERIENCE

#### Solo Teaching Assistant (FSU Department of Statistics) *Aug. 2023 – Present*

#### Graduate Teaching Assistant (FSU Department of Statistics) *Aug. 2022 – May 2023*

#### Undergraduate Research Assistant (University of Florida) *Aug. 2021 – May 2022*

#### Calculus 1 Learning Assistant (University of Florida) *Aug. 2021 – Dec. 2021*

### HONORS / AFFILIATIONS

- Phi Beta Kappa Honor Society, University of Florida Chapter *Mar. 2021*
- UF Honors Program *Aug. 2018 – May 2022*
- Employee of the Month (FDOT State Materials Office) *May 2021, Feb. 2022, May 2023*