Nicholas Wibert

106 E 4th Ave | Tallahassee, FL 32303 | nlw22@fsu.edu | (863) 899-9702

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

EDUCATION

University of Florida	*Aug. 2018 – May 2022*	**Florida State University**	*Aug. 2022 – Present*
B.S. Statistics, B.A. Mathematics Minor, Computer Science (3.82 GPA)		M.S. Statistics (4.0 GPA)	

GENERAL SKILLS AND QUALIFICATIONS

Hard Skills
- Mathematics and statistics: calculus, linear algebra, probability, linear/logistic regression, experimental design, prediction/inference, hypothesis testing
- Programming: R, Python, C/C++, MATLAB, VBA
- Data manipulation / database reporting: Azure Databricks, Microsoft SQL Server, SSRS, Teradata
- Data visualization: Tableau (link to my Tableau Public profile)
- 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

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.

Contractor (Subreddit Classification / Search Results Evaluation), Reddit Inc. *Jan. 2020 – Feb. 2021*

ACADEMIC EXPERIENCE

Graduate Teaching Assistant (FSU Department of Statistics) *Aug. 2022 – Present*
- Teaching weekly recitation sections for a course in Business Statistics, and holding office hours to guide students on lecture material

Undergraduate Research Assistant (University of Florida) *Aug. 2021 – May 2022*
- Assisted my statistics professor in research investigating air pollution (specifically variations in particulate matter composition across the US + potential interventions to reduce impact on public health) by managing data on a remote Linux server and writing R scripts for analysis/visualization

Calculus 1 Learning Assistant (University of Florida) *Aug. 2021 – Dec. 2021*
- Assisted professor during weekly lectures: answering student questions, working out solutions, grading classwork, etc.

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*