Nicholas Wibert

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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		M.S. Statistics	
Minor, Computer Science (3.82 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 – Aug. 2022*

- Intern supporting the Supply Chain Data Analytics team at a Fortune 100 Retailer
- Tasked with creating an in-house replacement for automated narrative reports on inventory shrinkage which were previously provided by an outside contractor
- Used SQL to query/process shrink data, and prototyped a script in R to produce text narratives / verify my output against existing reports for all Publix stores
- Worked closely with retail business units to identify areas for improvement in shrink reports + implement changes based on feedback
- Developed final script in Python, leveraging ReportLab to design and generate dynamic PDFs as part of a monthly process

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*

- Parsed through communities on Reddit and holistically rated their content in Google Sheets
- Remote position; gained familiarity with the structure of independent work + online-only communication with supervisors

Theatre Usher / Cashier, Cobb Theatres Lakeside 18 & IMAX *Nov. 2016 – Aug. 2019*

ACADEMIC EXPERIENCE

Graduate Teaching Assistant (FSU Department of Statistics) *Aug. 2022 – Present*

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*
- President of the University Film Society — *Mar. 2020 – Mar. 2021*