Nicholas Wibert

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

EDUCATION

University of Florida   **Aug. 2018 – Present**

B.S. Statistics, B.A. Mathematics - May 2022

Minor, Computer Science (3.85 GPA)

GENERAL SKILLS AND QUALIFICATIONS

Hard Skills

- Mathematics and statistics: calculus, linear algebra, probability, linear/logistic regression, experimental design, prediction/inference, hypothesis testing, categorical data analysis
- Programming: C/C++, R, Python, MATLAB, VBA   *(2 years academic/personal experience)*
- Data manipulation / database reporting: SQL, Microsoft SQL Server, SSRS   *(7 months work experience)*
- Data visualization in Tableau (link to my Tableau Public profile)   *(10 months personal experience)*
- Microsoft Office suite: Excel, Word, PowerPoint, etc.   *(proficient)*
- Document formatting for code and statistical results: LaTeX, R Markdown   *(2 years academic experience)*
- Operating systems: Windows, macOS, Linux   *(Linux, ~9 months academic experience)*
- Basic experience with source control using Git and GitHub

Soft Skills

- Fast learner, curious, internally motivated
- Strong written/verbal communicator, active listener, conscientious worker
- Love getting to know people and collaborating on team efforts
- A sense of humor

WORK EXPERIENCE

- **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
  - Acted as the sole go-to report-writer in the official launch of the Earthwork Records System (ERS)
    - Trained myself on every aspect of the new system, from front-end user interface to back-end data storage (designed specifically with ERS in mind) to understand every step of the process for reporting purposes
    - Worked directly with FDOT Earthwork Specialists throughout the state of Florida to design queries and reports that 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
  - Sharpened time management skills for independent work + communication with superiors
- **Theatre Usher / Cashier, Cobb Theatres Lakeside 18 & IMAX**   **Nov. 2016 – Aug. 2019**

ACADEMIC EXPERIENCE

- **Undergraduate Research Assistant**   **Aug. 2021 – Present**
  - Assisting 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
- **Learning Assistant (Calculus 1)**   **Aug. 2021 – Present**
  - Assistant to Calculus 1 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   2018 – 2022
- Employee of the Month (FDOT State Materials Office)   May 2021
- President of the University Film Society   2020 – 2021
- Member on the Films Committee of the UF Reitz Programming Board   2018 – 2020