Robert Rutter

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EDUCATION

University of North Florida — Jacksonville, FL
Bachelor of Science in Information Science, Minor in Business Management (3.9 GPA) — *Jan. 2020 – May 2023*

State College of Florida — Venice, FL
Associate of Science in Computer Programming and Analysis — *Aug. 2015 – Dec. 2018*

EXPERIENCE

Machine Learning Research Assistant — Aug. 2022 – May 2023
University of North Florida — *Jacksonville, FL*

- Identified and developed cutting-edge Deep Learning applications for Discomfort Detection in Healthcare
- Utilized existing Deep Learning Models and Medical Image & Sound Datasets to increase accuracy in Patient Discomfort detection

Data Engineer Intern — May 2022 – Aug. 2022
Meta (Facebook) — *Seattle, WA*

- Contributed to Facebook Groups & Feed Channels products on Community Participation & Systems Data Engineering Team
- Developed datasets to support and enable data analysis and dashboards consumed by cross-functional partners and leadership using Python and SQL
- Iteratively built and designed analytics dashboards in collaboration with Data Scientists & Product Managers
- Designed and implemented product metrics to support and measure company objectives and priorities
- Identified an issue with an internal Dashboard Software causing inaccuracy to be displayed on hundreds of currently-in-use dashboards across all company products (Facebook, Instagram, etc.)
- Wrote full-stack software solutions to solve the problem causing the inaccuracy and implement new features enabling increased dashboard customizability and accessibility (MySQL, Hack (PHP), React, HTML/CSS)

Data Challenge Finalist — Apr. 2021 – Sept. 2021
Meta (Facebook) — *Remote*

- Collaborated with other students on data engineering & data science projects, and received mentorship from Facebook Data Science & Data Engineer mentors
- Cleansed and analyzed a Netflix Title Dataset to examine trends globally by country, user group, etc. using SQL and Python. Integrated IMDb API Results with the Netflix Dataset to incorporate user title ratings
- Designed dashboards in PowerBI to visually examine trends and presented findings and final recommendations to Facebook mentors and peers
- Furthered experience and knowledge in SQL, Tableau/Power BI, Data Visualization & Modeling, and Data Exploration & Analysis

Technology Research Associate — Jan. 2021 – May 2021
Regency Centers — *Jacksonville, FL*

- Maintained company data infrastructure & performed basic database management tasks
- Designed, optimized, and built data analytics reports for various company departments in collaboration with leadership
- Automated existing hand-written reports across multiple company departments, greatly expediting periodical report generation and distribution
- Built foundational skills in SQL, Data Analysis, Power BI, SQL Server & SSIS, Data Visualization & Modeling, and professional communication

TECHNICAL SKILLS

Languages: Python, SQL, Java, C#, PHP, JavaScript, HTML/CSS
Software: PowerBI, Tableau, Excel, SQL Server
General: Data Engineering/Analysis/Visualization, Software Engineering, Data Structures & Algorithms
Academic & Soft Skills: Problem Solving, Communication & Collaboration, Leadership