

ETHAN D. JOSE

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EDUCATION

Syracuse University, BS Information Management & Technology | Concentration: Data Analytics | May 2024

Relevant Coursework: Intro to Applied Data Science | Applied Programming for Information Systems | Intro to Data Base Management Systems | Information Technologies | Introduction to Computing | Information Systems | Information Reporting and Presentation

Study Abroad: Madrid, Spain | Spring 2023

WORK EXPERIENCE

Burness Communications | Finance & Information Technology Intern | May 2023 - August 2023

- Automated the internal contracts workflow with improved ease of access for both Burness and the client, using the DocuSign API and data-driven methodologies, saving hours of time a week of manually executing contracts
- Developed a comprehensive Shiny Dashboard in R to analyze non-billable time for employees across various project areas, influencing management decisions on the current data collection and usability standards

The Janssen Pharmaceutical Companies of Johnson & Johnson | Data Science Intern (Stat Tenacity) | May 2022 - January 2023

- Conducted data aggregation with R Studio on 7 pharmaceutical products to find trends between adverse events and individual steps in the Batch manufacturing process
- Utilized Drupal, a web content management system, to prepare dashboards and web forms for front-end presentation on internal company websites
- Modernized data collection upstream, using web forms that dynamically update dashboards as new data is collected in an S3 Bucket
- Leveraged industry standard project management tools including JIRA and Confluence to promote a productive and efficient Agile scrum methodology within different teams

PROJECTS

ESC Energy Case Study

Syracuse University (Introduction to Data Science) • September 2023 – December 2023

- Extracted, analyzed, aggregated, and merged several different datasets to create a dynamic data pipeline relating to home energy data, to be used to predict how increasing temperatures would impact homes during the summer
- Designed and compared several different predictive models on energy expenditure given multiple datasets containing hourly weather, energy use, and physical build data across multiple homes in an area of North and South Carolina (Decision Tree, Treebag, Linear Regression, Support Vector Regression)
- Utilized my interpretation of each model's results to create a presentation that was accessible to non-technical stakeholders, translating complex data science concepts into clear and actionable recommendations
- Translated complex data science concepts into useful insights for non-technical stakeholders based on thorough interpretation of model results. Prepared a comprehensive presentation based on my analysis, facilitating informed decision-making

My Local Kitchen

Syracuse University (Introduction to Computing) • October 2021 – December 2021

- Designed a recipe search application incorporating a user's food preferences, dietary restrictions, and available cooking resources to supply a concise list of ingredients and recipe steps
- Developed on a Jupyter Notebooks backend using Python and a variety of different APIs and packages for web scraping and natural language processes
- Utilized Google Maps APIs to provide grocery store recommendations based on the user's location and shopping list, allowing users to find the closest store with all the ingredients needed for meal prep

TECHNOLOGY SKILLS/PROFICIENCIES

Skills: Python (NumPy, Pandas), R (shiny, ggplot2, tidyverse), Jupyter Notebooks, SQL, Agile Methodologies

Software: Visual Studio Code, R Studio, Git, PowerBI, MySQL, MS PowerPoint, MS Excel, MS Word, Google Suite, PyCharm

Cloud Services: JIRA, Confluence, AWS S3, Drupal, Amazon Workspaces, Domino, Bitbucket

VOLUNTEER EXPERIENCE

Syracuse University Tutoring and Food Bank of Central New York, Syracuse, NY

References available upon request