

Jonah Rockey

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Experience

WEB DEVELOPMENT INERN | SUSAN G. KOMEN TISSUE BANK | 05/2022 – 08/2022

- Worked under the head informatics programmer at Komen Tissue Bank to assist with various web development projects in their internal web application for managing tissue samples
- Utilized full stack web development skills in HTML, CSS, Python, JavaScript, and SQL to store and display biomedical data effectively

UNDERGRADUATE DATA SCIENCE RESEARCHER | PURDUE UNIVERSITY | 08/2020 – 05/2021

- Collaborated with the Purdue Athletics Social Media team to automate their data collection and determine what type of posts were the most effective for each platform
- This included cleaning, visualizing, and analyzing social media data using R, Python, SQL, and Tableau

Skills & Abilities

DATA SCIENCE

- Proficient in analyzing large quantities of data using R and Python
- Fluent in the programming languages of R, Python, HTML, SQL, Java, and JavaScript
- Strong background in mathematics and statistics
- Experience in web database development through HTML and the Python-based Django
- Adept at database management using SQL
- Produced multiple data visualization projects using both Tableau and D3

MACHINE LEARNING

- Technical skills include data modeling, deep learning, neural networks, regression, and natural language processing
- Knowledgeable in Python tools Keras, NumPy, TensorFlow, Scikit-learn, and PySpark

PROBLEM-SOLVING

- Skilled at creating plans to efficiently solve problems
- Enjoy approaching problems from multiple perspectives to accomplish a task

Education

MASTER'S DEGREE | 12/2022 | INDIANA UNIVERSITY-PURDUE UNIVERSITY INDIANAPOLIS

- Degree in Applied Data Science with a specialization in Sports Analytics
- GPA of 3.93

BACHELOR OF SCIENCE | 05/2021 | PURDUE UNIVERSITY

- Major in Statistics – Math Emphasis
- GPA of 3.94