

Russell Day

russell-day.github.io

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SKILLS

Python LLM integration R SQL HTML, CSS, JS Cleaning Data

EDUCATION

University of Michigan, LSA Honors College, Ann Arbor, MI

Expected Major: Data Science

Activities and societies: AIV, Blueprints for Pangaea, MSAIL, MDST, UHC SAB, Honors College
Cranbrook Schools, Bloomfield Hills, MI

Weighted GPA: 4.1, Dean's List and Honor Roll all eligible semesters

Activities: Global Outreach Club President, Wellness Team Chairperson, Debate Team

Leadership: Robotics Team, Varsity Cross Country, Varsity Track and Field, Intramural Boxing

DATES

08/2023 - Present

09/2019 - 06/2023

WORK EXPERIENCE

University of Michigan, College of LSA, Aton Lab (Sleep), Research Assistant

Animal research, collecting/analyzing data on the effect of sleep on memory consolidation

Henry Ford Health, Department of Orthopedics, Research Volunteer

Participated in literature review, data collection, analysis, and manuscript writing/editing

Focused on: Diversity in Leadership, Value-Based Healthcare, LLM integration in research

Protera Health, Intern

Collecting data using simple AI agents built to scrape the web for relevant information

Created media for online platform, processed data in excel, participated in executive meetings

09/2023 – Present

09/2021 – Present

06/2024 – 08/2024

05/2023 – 08/2023

PUBLICATIONS / PRESENTATIONS

Leveraging Artificial Intelligence Models to Streamline Systematic Reviews in Hand Surgery,
American Association for Hand Surgery (Electronic Poster, 1st author)

Racial, Ethnic, and Sex Diversity in Academic Medical Leadership, Journal of the American
Medical Association (Publication, 4th author)

Racial, Ethnic, and Gender Diversity in Academic Orthopaedic Surgery Leadership, Journal of
Bone and Joint Surgery (Publication, 5th author)

1/14/25

9/25/2023

07/06/2022

PROJECTS

Protera Health, Scraping for Relevant Leaders (Python, Gemini, Google Search)

Breanna's House of Joy, Medical Percentile Data (Python, Gradio)

Blueprints for Pangaea, Case Study on Inventory Management (SQL, Excel, R)

Henry Ford Health, Streamlining Systematic Review (Python, Gemini, OpenAI, Llama)

08/2024

07/2024

07/2024

06/2024

VOLUNTEER WORK

Blueprints for Pangaea, Executive board Analyst

Helped to manage operations and oversee medical supply redistribution and working to create a robust database and utilize computer vision for efficient inventorying

Breanna's House of Joy, Chiang Mai, Thailand, Volunteer

Responsible for organizing/leading activities such as teaching Scratch and crafts. Led meal prep for 50+ people, applied dental fluoride, assisted with medical checkups and charting data.

Global Outreach Club, President and Founder

Grew the club to 50+ active members and organized service projects, including food distribution, neighborhood clean ups, book drives, collectively serving over 500 hours

01/2024 – Present

07/2024, 06/2022,
03/2018

09/2022 - 06/2023

AWARDS AND HONORS

3rd in Captial One's Best Financial "Hack" (MHacks16 11/2023) – Used NLP sentiment analysis to make trading decisions

CREDENTIALS

Google Advanced Data Analytics Specialization (In Progress); Google Data Analytics Specialization (6/4/24); University of Michigan Web Design for Everybody: Basics of Web Development (5/22/24)