

Pranav Rajeev

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EDUCATION

University of Waterloo

Honours Mathematics with Computer Science

Waterloo, ON

Sept 2023 – April 2028

EXPERIENCE

Data Analytics Specialist

May 2025 – August 2025

GLOCAL Foundation of Canada

- Built an interactive Power BI dashboard comparing Canadian fintech and traditional savings options
- Used SQL and Python to clean, analyze and model data from Statistics Canada and financial institutions
- Created a user tool to project savings growth based on factors like account type, interest rate and time
- Led the development of the dashboard while coordinating a team of volunteers for data collection and feedback
- Conducted Mailchimp statistical analysis to uncover engagement trends and created data analysis handbooks: pranav-raj11.github.io/Data-handbook/

AI Research Analyst

June 2024 – August 2024

Orange Neurosciences

- Developed personalized AI recommendations for Orange Neurosciences so that proposed solutions were both beneficial through efficiency and connected to the company's overall aspirations and goals.
- Earned certifications in Microsoft Azure and Microsoft Azure AI fundamentals to deepen understanding of the field and concepts of AI and utilize them in research
- Collaborated with the CEO of Orange Neurosciences to understand their business for customized recommendations

Tutor

March 2021 – March 2025

Astro STEM Labs

- Tutored math, Python and Scratch to classes of up to eight students
- Helped students prepare for the annual Kangaroo Math Contest
- Prepared and executed weekly lesson plans using Khan Academy, DMOJ, and some creative teaching websites
- Engaged students and made lessons entertaining to hold interest and encourage learning

European Astro Pi Challenge: Mission Space Lab

2021/2022

- Worked with a team to gather data and accurately calculate the speed at which the International Space Station travelled at various times
- Programmed using various Python data analysis libraries to use Astro Pi computer sensors to gather data about orientation and motion of ISS orbit

PROJECTS

Personal Website | *HTML, CSS, JavaScript*

- Developed a website portfolio for myself from scratch using HTML, CSS and JavaScript.
Check it out: pranav-raj11.github.io

Fintech Savings Optimizer | *SQL, Python, Power BI*

- A savings dashboard that helps Canadians understand how saving with Fintech tools compares to saving with traditional banks. View the dashboard here: <https://app.powerbi.com/view>

Students of Watan | *C++*

- A variant of the board game Settlers of Catan with the board being based in the University of Waterloo.

Firefighter Robot | *Basic*

- A firefighter robot I built and coded its movements to extinguish fires in a maze we were given to test on.

TECHNICAL SKILLS

Certifications: Microsoft Azure AI Fundamentals, Microsoft Azure Fundamentals, National Lifeguard, Standard First Aid with CPR-C

Languages: Python, SQL, C, C++, HTML, CSS, JavaScript, Racket, R, Processing

Tools: Power BI, Git, Linux, Bash, Terminal, Github, VS Code, Microsoft Office, Jupyter Notebook, MySQL Workbench

Libraries: Pandas, NumPy, Matplotlib, Seaborn

Design: iMovie, Figma, Canva, Premiere Pro, After Effects, Animate, Photoshop