

Rida Ayub

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EDUCATION

Temple University

B.S in Neuroscience and Minor in Data Science

September 2019 - May 2023

- **GPA:** 3.52 / 4.0, Honors College
- **Honors:** Dean's List - Fall 2019, Spring 2020, Fall 2020
- **Relevant Coursework:** Mathematical Concepts in Computing, Program Design and Abstraction (Java) Introduction to Problem Solving and Programming in Python

WORK EXPERIENCE

The Borguet Group

Website Administrator

September 2021 – Present

- Researched and applied new well-developed trends and procedures
- Enhanced client demands and implemented customized website design options through WordPress
- Maintained effective website performance by minimizing image quality to promote a user-friendly website

PROJECTS

JerryMandering Map (<https://github.com/ridaayub01/python-project>)

- Collaborated with three team members to create a visual map that detects and displays gerrymandering results
- Conducted user evaluation and data analysis to district data to iterate the most effective reporting software

RESEARCH

Diamond Research Scholar

BellasFATLab

May 2021 – Present

- Build an engineered model of the innervation of sympathetic neurons in adipose tissue to look at the cross talk happening in normal and diseased conditions using a microfluidic platform
- The Diamond Research Scholars Program provides select Temple undergraduates the opportunity to engage in a focused, mentored research or creative arts project.

Undergraduate Researcher

Dr. Wenhui Hu's Lab

August 2022 – May 2021

- Develop novel all-in-one lentiviral system that can specifically deliver multiplexed CRISPR/CasRx to target SARS-CoV-2-susceptible cells for COVID-19 cure

SKILLS

Programming Language: Python, Java, RScript, C++, JavaScript, Matlab

Technology: Visual Studio, Eclipse, PyCharm, Adobe Photoshop, Git

Interests: Volleyball, Legos