Gabriela Vanessa Polzin Navarro

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Education

Washington University in St. Louis   *Sep 2021 - May 2025*
- Majors: Computer Science and Cognitive Neuroscience
- Current College GPA: 3.41

United Nations International School, New York   *Sep 2008 - Jun 2021*
- High School GPA: 3.86, IB Diploma in Higher Level Physics, Biology, and Mathematics

Skills
- Strong mathematical and statistical foundation: I have taken Calculus I,II,II and Probability & Statistics for Engineering
- Programming Experience in Python, Java, C++, Javascript, React, Swift, HTML/CSS and SQL
- GitHub Desktop, Amazon Web Services, Excel, Linux Command Line, Apache, XCode

Projects
- Intelligent Pathfinding Pacman agent using Python
- Experience analyzing datasets using pandas, matplotlib, and scikit-learn
- News sharing site using PHP, HTML/CSS, and MySQL.
- Game recommendation application using React/Typescript.
  - Used RAWG API to create an application that searches through popular games by genre and platform.

Relevant Experience

Neuroimaging Lab Research   *August 2024 - present*
- Using Freesurfer - a neuroimaging toolkit for processing, analyzing, and visualizing brain MR images to aid in research involving neurodegeneration in patients with down syndrome, HIV, and dementia

Data Science Intern - Pfizer   *June 2024 - August 2024*
- Designed a Streamlit app in Python that uses GenAI to conduct sentiment, categorical, and classification analysis based on a collection of user feedback on the ARIBA platform.
- Currently working on an application in Python that uses the Vox LLM model and few-shot learning technique to automate the creation of update documentation of the Centaur platform.

McKelvey School of Engineering Teachers Assistant   *January 2023 - present*
- Introduction to Artificial Intelligence Teachers Assistant
  - Grading in-class work, exams, and assignments. Hosting office hours to provide extra help for students on challenging assignments.
- Data Structures and Algorithms Lab Lead
  - Leading studio sessions, educating students about the relevant data structure that the class is working on that week and working on problem sets.
- Computer Engineering Teachers Assistant
  - Grading assignments and hosting office hours to provide extra help for students

iD Tech Instructor   *May 2023 - August 2023*
- Designed personalized lesson plans that cater to each student's ability and taught them programming fundamentals through popular games such as Minecraft and Roblox.

Awards and Honors
- Dean's List Recipient   *Fall 2023, Spring 2024*
- The Duke of Edinburgh's International - Silver   *June 2020*
- The Duke of Edinburgh's International - Bronze Award   *June 2019*
- NYSSMA, Trombone Level 5 - Concertino Rimsky Korsakov Score: 97% *June 2019*

Additional Information
Activities: WashU XR/VR Robotics Club, WashU Climbing Club, Tennis,Trombone.