

THERESA VAZAPPHILLY

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EDUCATION

University of Pittsburgh, Pittsburgh, PA - August 2023 - April 2027 - GPA: 3.5/ 4.0

Pursuing a Bachelor's in Information Science and Digital Narrative and Interactive Design with a Business minor.

Notable Courses: Intermediate Programming (CMPINF 0401), Human-Centered Systems (INFSCI 0410), Computation in Information Science (INFSCI 0310), Digital Narrative and Interactive Design (ENGLIT 1201), Analysis of Information Systems (INFSCI 1400), User-Centered Design (INFSCI 1420), Database Management Concepts & Applications (INFSCI 1500)

- *Member of the Women in Computer Science Club (WiCS), Women in Business Club (WiB), Member of UX Design Club, Member of Omega Phi Alpha*

Pennsbury High School, Levittown, PA, August 2019 – June 2023 - Graduate - GPA: 4.6 / 4.0

Honors: National Honors Society, French Honors Society, President's Award for Educational Excellence

SKILLS

Technical Proficiency: JAVA, MATLAB, AND PYTHON

PRODUCTIVITY: OFFICE365- WORD, EXCEL, PowerPoint, Visio, Canva

HONORS AND AWARDS

August 2023 – April 2027 - University of Pittsburgh

- Dean's List Spring 2025, Dean's List Fall 2024, Dr. Cynthia Schaffer Memorial Scholarship

UNDERGRADUATE ACADEMIC PROJECTS

QJam Camp - Summer 2025

I am currently assisting Dr. Coelho at the University of Pittsburgh with her Quantum Information Science Game Prototyping Camp. I will be assisting her with the setup of the program and during the camp by collecting and analyzing data from the participants. <https://qjamcamp.wixsite.com/q-jam>

Predicting Flight Delays – Spring 2025

Created a machine learning regression model in Python to forecast U.S. flight arrival delays using a cleaned and transformed dataset for INFSCI 0510 (Data Analytics). Evaluated Linear Regression, Random Forest, and Gradient Boosting models using MAE, RMSE, and R²; key predictors included late aircraft and weather delays. <https://github.com/tvazapphilly/Flight-Delays>

Client Project, Pitt Sustainability Usability Report – Spring 2025

Collaborated with a team to evaluate the usability and accessibility of Sustainable.Pitt.edu for ENGCOMP 1430 (Usability Testing in Technical Writing), conducting user interviews, heuristic analysis, and empathy mapping to identify barriers to engagement with Pitt's sustainability initiatives. [Pitt Sustainability UX Consultation_Final Report](#)

Arduino Project – Strawberry Shortcake's Magic Oven, Spring 2025

Designed and built an interactive baking-themed toy oven using Arduino for ENGLIT 1201 (Digital Narrative and Interactive Design), featuring LED lights, a buzzer, motors, and a button to simulate baking. <https://youtu.be/E6F7DXSmd3E>

Unity Project –The Bandit Husband, Spring 2025

Collaborated with a partner to create a 2D platformer video game using Unity for ENGLIT 1201 (Digital Narrative and Interactive Design) based off of the popular children's book and movie *The Princess Bride*. <https://tvazapphilly.itch.io/the-bandit-husband>

WORK EXPERIENCE

March - 2025 to Current - Team Member - Sushi Atarashi - Pittsburgh, PA

Handled food prep, line service, cleaning duties, and register operations while providing responsive customer service and maintaining stock.

Jan - 2024 to Current - Sales Associate - University Stores, University of Pittsburgh- Pittsburgh, PA

Worked across three University store locations around campus. Engage with customers daily, tailoring to their questions about our stores.

Jan - 2024– Current - Kids Swim Instructor- PITT's Kids Program, Pittsburgh, PA

Assist with the PITT Kids Program by helping children develop basic swimming skills through structured swim instruction.