

Twyla S. Nunes-Ueno

Seattle, WA | +1 (206) 502-9832 | tnunesueno3@gatech.edu | US Citizen

Objective

Electrical Engineering student with hands-on hardware, robotics, and field experience seeking a Summer 2026 Engineering Internship. Interested in infrastructure systems, operational safety, and large-scale transportation engineering.

Education

Georgia Institute of Technology | Atlanta, GA

Bachelor of Science in Electrical Engineering, GPA 4.00

August 2025 – Present

Expected Graduation, May 2029

Skills

Programming: Java, Python, C, C#, JavaScript, Node.js, CSS, HTML, Arduino IDE

Platforms: Google Developer Platform, Google Tag Analytics, Firebase, Excel

Hardware: Raspberry Pi, Arduino, soldering, multimeter testing

Software: Fusion360 (certified), SolidWorks (proficient), GitHub, Excel, Wix

Languages: English (fluent), Portuguese (fluent), Spanish (advanced), Japanese (beginner)

Experience

EasterSeals Disability & Community Services | Philadelphia, PA

September 2023 – June 2024

Engineering Volunteer

Nonprofit dedicated to providing accessibility services and devices to physically impaired adults and children.

- Designed, assembled, inspected and tested 50+ custom electronic devices, ensuring safety compliance and operational reliability.
- Performed preventive maintenance and troubleshooting on electronic hardware using schematics and multimeters.

Pandemic Pantry | Philadelphia, PA

February 2025 – August 2025

Warehouse Associate

Grocery warehouse specializing in packing large orders for customer pickup.

- Loaded, unloaded, and stocked inventory in a high-volume distribution environment, including operating pallet jacks.
- Worked in indoor and outdoor conditions, including exposure to varying weather and temperature conditions.

The Acceptance Project | Philadelphia, PA

March 2025 – Present

Technical Lead

Small startup-style college consulting organization focused on admissions assistance for inner-city youth.

- Designed a web-based platform to support scheduling and content delivery for college counseling services for 30+ employees and clients.
- Built customized online application trackers for 5 students, with individualized criteria and data.
- Coordinated project requirements and system improvements with cross-functional stakeholders.

The Wistar Institute | Philadelphia, PA

June 2024 – August 2024

Fellow / Murphy Laboratory

Cancer research laboratory focused on personalized treatments.

- Executed 20+ laboratory experiments following strict safety and procedural protocols.
- Documented experimental processes and verified results to ensure data accuracy and research quality standards.

Projects

Autonomous Robotics Project

Fall 2025

Two-person team programming robot to navigate mazes, perform autonomous delivery, and simulate tasks like parallel parking.

- Developed modular control software (1000+ lines of Python) to support autonomous navigation systems operating under real-world physical and environmental constraints.
- Conducted 100+ structured test runs, collected performance data, and analyzed reliability metrics to improve system functionality and reduce operational error rates.

Where2Whizz

Fall 2024-Spring 2025

Interactive map of public bathrooms across multiple countries. View at where2whizz.com.

- Wrote 1500+ lines of JavaScript, HTML, and CSS to design an intuitive and accessible graphical user interface.
- Integrated JSON and REST APIs to build a backend allowing for crowdsourced data to be displayed geospatially.