

# Oliver G. Hund

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## Objective

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Electrical Engineering major with keen collaborative experience specializing in circuit technology and PCB design. Proficient at maintaining structured time management, focusing within strenuous work environments, and collaborating in multi-major team projects. Leveraging strong experience with leadership as Electrical Team Lead in competitive robotics. Seeking an internship in circuit design or signal sensing engineering starting May 2026.

## Education

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**Georgia Institute of Technology | Atlanta, GA**

Bachelor of Science in Electrical Engineering

August 2025 – May 2029

GPA N/A

**Jesuit High school | Tampa, FL**

Graduated with 34 Transferable Credit Hours,

August 2021 – May 2025

GPA 4.00/4.00

## Skills

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**Programming:** Python (intermediate), HTML, CSS

**Platforms:** Windows, macOS

**Hardware:** Raspberry Pi, CTR Pigeon, limelight, Neo Vortex, STM32 Blue Pill

**Software:** GitHub, KiCad, Streamlit, Fusion360, Blender

**Tool Experience:** lathe, CNC, belt sander, drill press, miter saw, table saw, hand soldering, reflow oven

**Languages:** German (B1), Spanish (B1), English (C2)

## Experience

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**FRC Robotics Club | Tampa, FL**

August 2023 – May 2025

**Electrical Team Lead**

- Led and taught other members of the Electrical team while planning projects, leading instructional sessions, and design
- Taught team circuit theory, CAN, power distribution, camera-based perception, wiring diagrams, IMU sensors, multimeter
- Placed 3<sup>rd</sup> at the Tallahassee regional and qualified 3<sup>rd</sup> at the Miami regional competitions

**Self-Employed | Tampa, FL**

February 2024 – March 2025

**Tutor**

Established and networked own private tutoring business focused on educating 5<sup>th</sup>-12<sup>th</sup> students

- Adapted to tutee's individual learning styles to comprehensibly explain multimodal concepts to 16 students
- Tutored: Math, Physics, English, Spanish

**American Legion 138 | Tampa, FL**

September 2023 – February 2025

**Volunteer**

Veterans' organization breakfast bar which donates proceeds to high school education

- Regularly aided in managing and operating the breakfast bar with frequent customer service 12 hours weekly
- Worked with and served diverse range of people including wheelchair bounded, mentally handicapped, blind, and def

## Projects

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**Custom STM32 Blue Pill**

Fall 2025

- Designed schematic and layout for custom STM32 Blue Pill using KiCad, fabbed the board using reflow oven, tested functionality using CubeIDE

**IV Tracer Board**

Fall 2025

- Worked on a team to design a board that signifies health of solar array panels for the Georgia tech Solar Racing team
- Takes in voltage from solar panels and plots it against measured current to create an IV curve graph

**Interactive Orbital Pathways Webpage**

Fall 2024

- Team project to create an online interactive 3D educational model of all large celestial bodies within the solar system
- Helped develop python program translated to C# and ran in Unity to make a website that displays ~2,000 predicted orbits

## Leadership

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**Music Production Club President**

2023-2025

- Organized and led meetings oriented towards educating and familiarizing students with music producing software and hardware components: Performed at fundraising events, produced songs, and raised club membership by 40%