Harry Gomez-Donato

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EDUCATION

Purdue University, West Lafayette, IN   **Jul 2022 - Present**

   Anticipated Graduation: May 2026

   Major: Computer Engineering, School of Electrical and Computer Engineering

   GPA: 3.11 (May 2023)

   Clubs: Vertically Integrated Projects (VIP), Society of Hispanic Professional Engineers (SHPE), Global Engineering Alliance for Research and Education (GEARE), Latinos in Science and Engineering (MAES).

Liberty High School, Hillsboro, OR   **Sep 2018 - Jun 2022**

   Awards: Chancellors Diploma.

   WGPA: 4.25 (top 2% in graduating class)

SKILLS AND TECHNICAL ABILITIES

- Fluent in English and Spanish.
- Proficient in Microsoft Office Applications (Word, Excel, PowerPoint, OneDrive).
- Adept in programming languages (Python, Java, JavaScript, C, C++) and programming IDE's (Android Studio, Visual Studio, Spyder).
- Competent in Arduino, MATLAB, Adobe After Effects, Adobe Illustrator, and Adobe Premiere Pro.
- Skilled in the use of hardware tools (power drills, pressure washer, soldering iron).

ADDITIONAL ACADEMIC INVOLVEMENT AND WORK EXPERIENCE

Mechanical and Programmer in Robotics – Liberty High School   **Sep 2019 – Jan 2022**

- Supported with the design and construction of the robots.
- Worked with other groups to plan strategies for any upcoming tournaments.
- Collaborated with other students to program a user-controlled robot and a self-driving robot.

GoKart Electrical Technician, Vertically Integrated Projects – Purdue University   **Sep 2022 – Dec 2022**

- Worked with other Electrical Technicians to program an Arduino-run flow sensor to measure the gasoline inside the tank to analyze the changes in consumption while in different locations on the track to give our team more insight on the correct amount needed to complete a race.

CAM2 Web Developer, Vertically Integrated Projects – Purdue University   **Jan 2023 – May 2023**

- Working with ECE (Electrical and Computer Engineering) and CS (Computer Science) majors on front-end and back-end programs to create an informative and interactive website to showcase research done by students at Purdue University.
- Current front-end developer working on the interface design for our website looking at how to implement the back-end programs to our website.

Undergraduate Researcher under Dr. Heidi Parker – Purdue University and University of the Andes   **Jan 2023 – Present**

- Presented at the Spring Undergraduate Research Conference and the Innovation for International Development (I2D) Expo at Purdue University on April 11th, 2023.
- Conducted research with undergraduate students at Purdue University and University of the Andes. Created a proposal on a complement to current psychological practices to help college students with social anxiety using Virtual Reality Environments (VRE).

Visual Effects Artist   **Aug 2016 – Present**

- Editing short videos for social media by combining sport clips and cinematic footage to entertain viewers and create a dynamic online experience.

Mathnasium Math Instructor – Hillsboro, OR   **Jan 2022 – Jun 2022**

- Worked with students delivering a wide range of lessons making the use of real-life applications for a better understanding. Taught multiple levels of math including pre-calculus and elementary math levels.