

HARRY GOMEZ-DONATO

[linkedin.com/in/hgomezdo](https://www.linkedin.com/in/hgomezdo) | Corvallis, OR

EDUCATION

Oregon State University, BS Electrical and Computer Engineering

Corvallis, OR | **Expected Graduation: Jun 2027**

Affiliations: Society of Hispanic Professional Engineers (SHPE)

GPA: 3.84/4.00

Purdue University, BS Computer Engineering

West Lafayette, IN | **Jul 2022 – May 2024**

Affiliations: Society of Hispanic Professional Engineers (SHPE),

Global Engineering Alliance for Research and Education (GEARE), National Society of Black Engineers (NSBE)

WORK/PROJECT EXPERIENCE

Systems and Controls Support Intern at Genentech

Hillsboro, OR | **May 2024 – Aug 2024**

- Enhanced internal support systems at Genentech using ServiceNow, improving the efficiency of support requests.
- Collaborated with cross-functional teams, including system owners and recipe authors, to transform complex requirements into 20+ user-friendly forms, reducing errors and improving usability.
- Created custom forms on the department's website, streamlining support requests and change implementations for systems engineers.
- Gained expertise in ServiceNow customization and front-end integration, contributing to a more responsive and user-focused internal support system.

Undergraduate Researcher for GEARE

West Lafayette, IN | **Oct 2023 – May 2024**

- Collaborated with a professor and two graduate students to support a project in educational engineering, focusing on team learning beliefs and behaviors (TLBB) and Cultural Intelligence Scale (CQS).
- Conducted quantitative analysis using R, including data visualization and statistical testing (averages, standard deviations, bar charts), to derive insights into how positive team dynamics can enhance collaborative learning.
- Cleaned and organized data sets for around eighty students, ensuring participant anonymity and maintaining data integrity, resulting in more accurate and reliable research outcomes.
- Contributed to synthesizing findings and gaining a deeper understanding of social and cognitive factors influencing team learning in diverse, cross-cultural environments.

CAM2 Web Developer – Vertically Integrated Projects

West Lafayette, IN | **Jan 2023 – May 2023**

- Developed a responsive website to showcase student research at Purdue University, integrating backend functionality to enhance user experience and data presentation.
- Streamlined the website's performance, ensuring a smooth and interactive user interface using HTML, CSS, and JavaScript.

Undergraduate Researcher under Dr. Heidi Parker

West Lafayette, IN | **Jan 2023 – May 2023**

Purdue University and the University of the Andes, Colombia

- Engaged with interdisciplinary and cross-cultural teams to craft a comprehensive proposal for augmenting contemporary psychological practices to address social anxiety among college students through the utilization of Virtual Reality Environments (VRE).
- Assessed the potential of Virtual Reality Environments (VRE) to reduce college students' social anxiety, highlighting benefits like enhanced immersion, personalized therapy, and better outcomes.
- Presented at the Spring Undergraduate Research Conference and the Innovation for International Development (I2D) Expo held at Purdue University on April 11th, 2023.

Mechanical and Programmer in Robotics

Hillsboro, OR | **Sep 2019 – Jan 2022**

- Collaborated with cross-functional teams to strategize and prepare for robotics tournaments, ensuring effective communication and teamwork in designing and optimizing robot systems.
- Led team meetings and brainstorming sessions to refine robot designs and programming, fostering a culture of continuous improvement.
- Troubleshooted and resolved technical challenges during robot development, highlighted problem-solving skills and a strong understanding of robotics systems.

TECHNICAL ABILITIES & SKILLS

- **Technical Skills:** C/C++, Python, MATLAB, Java, HTML, CSS, Microsoft Office, Arduino, Power Drills, KiCad, ServiceNow.
- **Awards:** HSF Scholar (Hispanic Scholarship Fund)
- **Languages:** English (Native), Spanish (Native).