

Rocio Perales Valdes

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EDUCATION

- Georgia Institute of Technology | Major: Computer Science, Minor: Law, Science, and Technology** May 2028
- GPA: 4.0
 - RoboJackets, SuperComputing@GT, Global Leadership, Women@CollegeOfComputing, Kappa Alpha Theta, Running Wreck
- Eastern Mediterranean International School | IB Diploma 43/45 (Higher Level CS 7/7)** Aug. 2022 - May 2024
- Excellence Scholarship, Academic Achievement (Fall '22, Spring & Fall '23), SAT 1540/1600 (800/800 Math)

SKILLS

- Computing:**
- Programming Languages: Java, C++, Python, JavaScript
 - AI/ML: TensorFlow, Computer Vision, Neural Networks
 - Robotics: ROS2, PID Control, Linux
 - Development Tools: Git, GitHub, ClickUp
 - Web-dev: HTML, CSS, SQL
- Languages:** English (Proficient), Spanish (Native), French (Conversational)

EXPERIENCE

- AI Safety Fellow | AI Safety Initiative at Georgia Tech** Jan. 2025 - Present
- Leading a research project on global deepfake regulation under Dr. Margaret Kosal, aiming for publication in [AAAI](#)
 - Conducting NLP and topic modeling analysis of EU, US, and China policy; identifying legal gaps and convergence opportunities
 - Completed semester-long AI Safety Fellowship focused on alignment challenges, reward specification and scalable oversight
- Software Developer | RoboJackets-RoboCup** Aug. 2024 - Present
- Selected as a member of software to represent the Georgia Tech team at 2025 International RoboCup Competition in Brazil
 - Contribute to a large-scale C++ ROS2-based codebase for intelligent robots developed on Linux systems
 - Collaborate with teammates using GitHub for version control and ClickUp for project management
- You.com Campus Leader | You.com** Oct. 2024 - May 2025
- Raise brand awareness, organized a workshop on AI agents attended by students from Georgia Tech, Yale, Columbia, NYU
 - Attend monthly leadership meetings with cross-functional teams to gain insights into AI industry developments
- Student Volunteer | SuperComputing@GT** Aug. 2024 - Present
- Assist in the Georgia Tech Booth at SC24, the premier international conference for HPC
 - Participate in monthly CUDA/C++ workshops for parallel computing as well as weekly graduate student talks on HPC research
- Developer | Personalized Word Count for Google Docs** Jun. 2024 - Aug. 2024
- Developed and published a Google Docs extension with **JavaScript** to generate live user-personalized word counts
 - Created and privately hosted a supporting [website](#) with Squarespace that includes privacy policy and terms of service
 - Published in the [Google Workspace Marketplace](#) achieving **+1000 downloads**
- Head of Software | Robotics First Tech Challenge | BFC #20669** Sept. 2022 - May 2024
- Developed and debugged code in **Java** using **OOP** and version control through **Git**
 - Led a team writing Java code for **Autonomous Movement** with **PID** and **Computer Vision** through OpenCV
 - Achieved top 10 ranking in Israel, won a qualifying competition, and awarded the Design Prize
- Researcher | Denoising Autoencoders** Sept. 2022 - Oct. 2024
- Wrote a **Jupyter Notebook** with Google Colab to create a denoising autoencoder
 - Tuned the model's hyperparameters with **Tensorflow** reducing the MSE by 15%
 - Explained the findings on the deblurring of handwritten digits from the MNIST dataset in a technical paper
- ## AWARDS & CERTIFICATIONS
- AI@ATL Hackathon: AI Safety Initiative Track Winner | Major League Hacking** Oct. 2024
- Created synthetic medical dataset in JSON to conduct prompt injection testing
 - Presented live demo to MLH judges leveraging Claude and Gemini APIs with Python achieving 1st place out of 15 teams
- Machine Learning Specialization | DeepLearning.AI & Stanford University -Coursera** Jun. 2023 - Aug. 2023
- Developed ML conceptual knowledge through 3 courses with 15+ Jupyter notebook assignments using TensorFlow and Numpy
- AI & Law (with Honors) | Lund University -Coursera** Apr. 2022
- Dove into the significance of the disruption in AI in the legal field including labor, intellectual property and health law