

Sebastian Garcia

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Education

University of Florida – Herbert Wertheim College of Engineering <i>Bachelor of Science in Computer Engineering</i>	Expected 2026
• Relevant Coursework: Data Structures & Algorithms, Computer Organization, Programming Fundamentals 1-2, Digital Logic, Microprocessor Applications, Digital Design, Circuits 1	GPA: 3.74/4.00
Universidad Pontificia Comillas – Madrid, Spain	Spring 2025
• Relevant Coursework: Engineering Economy, Circuits 1, Engineering Stats, Linear Algebra	

Experience

Software Engineering Intern <i>Wells Fargo</i>	June 2025 – August 2025 Charlotte, NC
• Analyzed multilingual document metadata using langid, langdetect, and pandas, reporting misclassification rates across 100K+ records.	
• Queried Parquet files with SQL to extract RCC codes and validate label consistency across workflows.	
• Built logistic regression models and monitored model drift using Python to improve classification accuracy.	
• Collaborated across teams to ensure compliance with data governance policies and optimize labeling pipelines.	
Software Developer Intern <i>Creating Real</i>	January 2024 – May 2025 Gainesville, FL
• Deployed Go microservices, reducing API latency by 60% via optimized routing and queries.	
• Implemented WebSockets and OAuth2, cutting race conditions and breaches by 25% .	
• Planned and delivered secure real-time collaboration tools with scalable architecture and uptime reliability.	
Project Manager & Lead System Engineer <i>NASA LSPACE Academy</i>	May 2022 – August 2022 Remote
• Led rover design for Preliminary Review, used by 80% of NASA software project engineers.	
• Configured a rover for the Preliminary Design Review used by 80% of the NASA Software engineers and projects	

Projects

GatorLeasing <i>React Native, Firebase, Expo, TailwindCSS, Stripe, Figma</i>	
• Built a mobile app for subleasing with secure search, listing, and Stripe-based payments.	
• Streamlined real-time updates and user auth; led responsive UI/UX with TailwindCSS and Figma.	
• Led UI/UX design iterations in Figma and integrated them with a responsive, TailwindCSS-styled frontend.	
SHPEterview <i>MongoDB, Express, React, Node.js, GraphQL, JWT, Semantic UI</i>	
• Built a full-stack web app to manage SHPE mock interviews with JWT authentication and personalized dashboards.	
• Used Semantic UI and MongoDB for reusable components and optimized data handling.	
• Implemented secure JWT authentication and personalized dashboards via React Context API.	
AI Cooking Assistant <i>Python, YOLOv8, Ultralytics, Computer Vision</i>	
• Trained a YOLOv8 model on custom data to detect ingredients/tools from live cooking videos.	
• Labeled and processed a custom dataset, training over 100+ epochs for high-accuracy predictions.	
• Built a complete pipeline from data acquisition to live object detection inference on video feeds.	

Leadership and Professional Development

Society of Hispanic Professional Engineers at UF <i>SHPEducation Cpe Advisor, Event Director, SWE Director, Project Manager</i>	August 2022 – Present Gainesville, FL
• Mentor SHPE members on course planning, internships, and tech careers, helping peers secure industry roles.	
• Planned and executed high-impact events as Event Director, strengthening SHPE's internal community.	
ColorStack <i>VP of Corporate Relations</i>	Jan 2025 – Present Gainesville, FL
• Secured \$5,200 in sponsorships from NVIDIA, Bloomberg, and Capital One for +8 workshops and +10 networking events.	
• Led 300+ member organization, increasing women representation to 22% through outreach and inclusivity.	
• Hosted panels, resume reviews, and technical workshops to prepare members for competitive tech roles.	