

Sebastian Garcia

(407) 252-6851 | sgarcia190204@gmail.com | linkedin.com/in/sebastian-garcia100 | github.com/S3basG

Education

University of Florida – Herbert Wertheim College of Engineering

Expected 2026

Bachelor of Science in Computer Engineering

GPA: 3.74/4.00

- **Relevant Coursework:** Data Structures & Algorithms, Computer Organization, Programming Fundamentals 1-2, Digital Logic, Microprocessor Applications, Digital Design, Circuits 1

Universidad Pontificia Comillas – Madrid, Spain

Spring 2025

- **Relevant Coursework:** Engineering Economy, Circuits 1, Engineering Stats, Linear Algebra

Experience

Software Engineering Intern

June 2025 – August 2025

Wells Fargo

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

January 2024 – May 2025

Creating Real

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

May 2022 – August 2022

NASA LSPACE Academy

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 | *React Native, Firebase, Expo, TailwindCSS, Stripe, Figma*

- 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 | *MongoDB, Express, React, Node.js, GraphQL, JWT, Semantic UI*

- 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 | *Python, YOLOv8, Ultralytics, Computer Vision*

- 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

August 2022 – Present

SHPEducation CpE Advisor, Event Director, SWE Director, Project Manager

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

Jan 2025 – Present

VP of Corporate Relations

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.