SANTIAGO ESPINOZA BLUNDA

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EDUCATION

Seven Lakes High School	Senior Class of 2025	August 2021 — May 2025
Freshman @ University of Texas at Austin	SAT Superscore: Math – 800 | Reading and Writing – 730 | Total – 1530	
Class of 2029	Weighted GPA: 4.8448/5.00 | Unweighted GPA: 3.9828/4.00	
	Class Rank: 9/860	

WORK EXPERIENCE

Driven Telematics — April 2025 — Present
Cofounder and Inaugural Intern

- Developed an MVP driving **data retrieval system**, creating **UML diagrams**, tests, and system design, and **deploying a test API** with AWS security
- Built a **secure API endpoint** with **AWS** (API Gateway, Lambda, Aurora, S3, CloudWatch, Firehose, …), implementing full auditing and monitoring

Karatube AI — March 2024 — August 2024
Cofounder and Inaugural Intern https://karatube-karaoke-with-youtube.en.softonic.com/chrome/extension

- Collaborated with a professional to set up and deploy a Karaoke AI system to broadcast music with extracted instruments and lyrics directly on YouTube
- Fully deployed initial model system using AWS services (**Lambda, ElastiCache, S3, EC2**) along with Svelte and OpenAI's Whisper API

PROJECTS

EcoNest — August 2023 — June 2024
Team Manager Technology Student Association Webmaster Submission 23-24 https://eco-nest.vercel.app/

- Built with Next.js, Tailwind, Firebase, and Three.js, creating an environmental awareness app that placed **6th globally and 1st in Texas** in TSA competition
- Implemented **real-time messaging**, forums, blogs, and **3D interactive home modeling**, enabling users to collaborate and visualize sustainable living

Safeguard — August 2022 — April 2022
Hall Pass Designed to Increase Security with Facial Recognition Detection Instead of ID Cards https://safe-guard-id.vercel.app/

- **Led a team of 6** to create a **full-stack** electric hall pass system to monitor students going to and from classrooms and restrooms to ensure safety
- Built with **Mongodb**, NextJS, Node, **web sockets**, and fully integrated with cameras to provide an entire structure for schools and districts

LEADERSHIP & COMMUNITY INVOLVEMENT

Seven Lakes HS Computer Science Honor Society — Co-Founder, Vice President, President — August 2022 — May 2025
An organization with over 200 chapters dedicated to promoting and recognizing academic excellence in Computer Science

- Arranged **50+ educational tutorials**, meetings, tournaments with **450+ participants**, and tutored **20+ students** weekly
- Oversaw countless Seven Lakes High School UIL competitions hosting **800-900 participants** and **20 Academic Events**
- Configured and **set up PC^2** for a locally hosted Computer Science contest, volunteering **100+ hours**
- Hosted weekly Computer Science presentations to **60+** students teaching full-stack development and introducing web development

Seven Lakes HS Technology Student Association (TSA) — President (2x), Vice President, Freshman Representative — August 2021 — May 2025
An organization with over 300,000 members worldwide that specializes in technology-based event competition

- Increased chapter ranking to **second in the state** by implementing structured training programs and mentorship initiatives
- Grew membership by **over 200%** from 60 to 120+ with organized social media and school-wide outreach programs
- Managed **$50,000+** in club budget through Regional, State, and National trips while booking hotels and flights for **100+ students**
- Administered and **led weekly meetings**, facilitated club communication, and delivered a speech to **2,500+** at the State conference

Seven Lakes HS First Robotics Team 4639 — Community Education Director & Programmer — August 2022 — May 2024
Global robotics competition with over 100,000 High School competitors from across the globe

- Programmed **autonomous commands**, movement, and other subsystems/commands qualifying for world competition
- Developed a scouting app that has tracked and analyzed **500+ matches** with **over 1,000 entries** to assist in team selection
- Coordinated and executed a coding, web development, engineering, and electrical camp with **over 300 child participants**
- Raised **over $5,000** in club funding and led team awards committee to receive **Sustainability Award 3x,** gaining the necessary points to qualify for state

Honors & Awards

- **Webmaster** (Nationals 23 & 24) — 4th and 6th (Technology Student Association)
- **Webmaster** (State 24 & 25) — 1st in Texas (Technology Student Association)
- **Software Development** (State 22) — 2nd in Texas (Technology Student Association)
- **Data Science** (Regionals 22 & 23) — 1st in Gulf Coast Region (Technology Student Association)
- **Webmaster** (Regionals 21, 23 & 24) — 1st in Gulf Coast Region (Technology Student Association)
- **Drone Design** (Regionals 2023) — 1st in Gulf Coast Region (Technology Student Association)
- **Unique to Texas Website Design** (Regionals & State 24, 25) — 1st in Gulf Coast Region and Texas (Technology Student Association)
- **Seven Lakes High School Spartan Distinguished Service Award**
- **University of Texas Austin Academy for All Machine Learning** — Participant
- **Cypress Ranch Computer Science** Hackathon Winner

SKILLS

Technical Skills: Java, Python, R, Node JS, React/Next JS, Svelte, MongoDB, Firebase, SQL, AWS, Cloud Computing, Data Analysis
Languages: Native Spanish Speaker and Writer
Relevant Coursework: Calculus I, II, & III, Linear Algebra, Data Science, Data Structures, Discrete Math, AWS Cloud Computing, Cybersecurity
Certifications: Unity Certification and AWS Foundations & Practitioner Certification