Jenna Lee

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EDUCATION

The University of Texas at Austin, Austin, TX   May 2029
Bachelor of Science, Computer Science
Seven Lakes High School, Katy, TX   May 2025
GPA: 4.8387/5.0 (weighted); Class Rank: 8 / 885 (top 0.90%)

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, Python, C++, C#, R, HTML/CSS, React, Svelte, Tailwind CSS, Node.js, Express.js
Tools & Technologies: AWS, Unity, MERN Stack, MongoDB, Cloud Computing, Data Analysis
Certifications: Unity Certified Programmer (2024), AWS Certified Cloud Practitioner (2025)

PROJECTS

AllClear – Emergency Response App | *React, Node.js, MongoDB, OpenWeatherMap API, Leaflet.js* | July 2025
- Developed a full-stack web app for real-time disaster awareness and location sharing, integrating weather and multi-hazard data layers.
- Achieved 1st Place in the Open Summer Hackathon (Full Stack category) among 95 participants.

Sparrow – Web-Based Learning App | *HTML/CSS, JavaScript, Adobe Express, MongoDB* | 2022 - 2023
- Developed an interactive coding education platform with an animated UI and MongoDB backend for lesson management and user progress tracking.
- Placed 3rd at TSA Texas State (Software Development).

CyberGuard Analytics | *Python, R, Pandas, Matplotlib* | 2023 - 2024
- Analyzed national cybersecurity datasets using statistical tests and clustering algorithms to identify attack patterns and high-risk sectors.
- Secured 1st Place at TSA Gulf Coast Regionals (Data Science & Analytics).

EXPERIENCE

Front-End Developer – Stellar Learning, Remote   July 2025 - Present
- Built and optimized scalable, intuitive front-end features for an AI-powered educational platform.
- Improved UI responsiveness and usability by debugging and refining Svelte, HTML, JavaScript, and Tailwind CSS components.

AFS Global STEM Academies Scholar, Brazil & Virtual   March - June 2024
- Selected as a top 2.5% scholar (150/6,000) for a 12-week virtual program and 4-week exchange in Brazil.
- Led a cross-functional team to design a 1st-place flood mitigation solution for BP, including a predictive model, working prototype, web interface, and technical presentation.
- Completed 51 hours of globally focused STEM and sustainability curriculum evaluated by the University of Pennsylvania, earning the Global Citizenship for Social Impact Certificate.

Lead Instructor – Code Ninjas, Katy, TX   July - August 2025
- Taught 30+ students (ages 6–7) programming and engineering fundamentals using LEGO Robotics, Roblox Studio, Minecraft Redstone, and visual programming tools, designing engaging and age-appropriate lessons.

LEADERSHIP & COMMUNITY INVOLVEMENT

AlGIRLithm Contest Organizer   2023 - 2025
- Developed and curated programming challenges for a national competition engaging 300+ high school girls
- Spearheaded marketing initiatives and social media campaigns, significantly increasing participation.

NASSP LEAD Spark Conference International Presenter   February 2024
- Delivered a 45-minute workshop in Washington, D.C., hosted by the National Association of Secondary School Principals on marketing strategies and user-centric design in technology.

Seven Lakes HS Orchestra Leadership Team   2021-2025
President | Communications Head | Historian | Freshman Representative
- Led a 280-member orchestra program by coordinating 7+ annual events—including a banquet with 300+ attendees, concerts, and socials. Directed a 21-person officer team and managed all communications.