

JENNA LEE

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EDUCATION

The University of Texas at Austin, Austin, TX
Bachelor of Computer Science

May 2029

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, React, Node.js, Express.js, HTML/CSS, Python, C++, R, C#, Full-Stack Web Development (MERN), Data Analysis, Cloud Computing, Basic NLP

Certifications: Unity Certified Programmer (2024), AWS Certified Cloud Practitioner (2025)

PROJECTS

AllClear – Emergency Response App

July 2025

React | Node.js | MongoDB | OpenWeatherMap API | Leaflet.js

- Built a full-stack web app for real-time disaster awareness and location sharing, featuring weather and multi-hazard data layers
- 1st Place, Open Summer Hackathon (Full Stack category, 100+ participants)

Sparrow – Web-Based Learning App

2022 - 2023

HTML | CSS | JavaScript | Adobe Express | MongoDB

- Created an interactive coding education platform with an animated UI and a MongoDB backend for lesson management and user progress tracking
- Placed 3rd in TSA Texas State – Software Development

CyberGuard Analytics

2023 - 2024

Python | R | Pandas | Matplotlib

- Conducted threat analysis on national cybersecurity datasets using statistical tests and clustering algorithms to uncover attack patterns and high-risk sectors
- 1st Place, TSA Gulf Coast Regionals – Data Science & Analytics

EXPERIENCE

AFS Global STEM Academies

March - June 2024

- Selected as a top 2.5% recipient of the AFS Global STEM Academies scholarship (from 6,000 applicants) for a 12-week virtual program and a 4-week exchange in Brazil
- Led cross-functional team to develop 1st-place fluvial flood mitigation solution for BP, delivering prototype, predictive model, web interface, and technical presentation

Robotics Team SLHS – FRC 4639

2022 - 2025

- Three years of hands-on experience in programming, electrical systems, mechanical design, and CAD modeling, competing at FIRST Robotics World Championships, and contributing to robot automation and control systems

Code Ninjas Instructor

July 2025

- Introduced 30+ students ages 6-12 weekly to programming and engineering concepts through platforms like LEGO Robotics, Roblox Studio, Minecraft Redstone, and visual coding tools (Bits + Bytes)

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 President

2024-2025

- Led a 280-member orchestra program, coordinating 7+ annual events including a 300+ attendee banquet, concerts, and socials while overseeing a 21-person officer team and maintaining communication