

SAHANA GANAPATHY

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2026

Bachelor of Science, Computer Science

Relevant Coursework: Computer Architecture, Statistics, Calculus, Data Structures, Discrete Math

- GPA: 3.5

EXPERIENCE

CODE NINJAS, Houston, TX

June 2022 - Present

Coding Instructor

- Conducted CS related summer camps
- Taught Java and Python
- Created curriculum and coursework for camps

PROJECTS

- **PERSONAL PORTFOLIO WEBSITE:** Constructed a personal website to display projects and thoughts.
- **AIR QUALITY DRONE:** Built a drone designed to gather environmental data using Arduino hardware
- **COOLING PILLOW:** Constructed a pillow designed to cool the body for improved sleep quality
- **PAIN RELIEF KNEE PAD:** Constructed a TENS device integrated into a knee pad for athletic cramps

LEADERSHIP & COMMUNITY INVOLVEMENT

UNIVERSITY OF TEXAS AT AUSTIN, Austin, TX

January 2023 - Present

Engineering Lead- Engineering and Computational Learning of Artificial Intelligence in Robotics (ECLAIR)

- Oversaw a machine learning project based on emotional analysis of song lyrics and playlists
- Communicated with team members and coordinated meetings

UNIVERSITY OF TEXAS AT AUSTIN, Austin, TX

January 2023 - Present

Logistics Officer- Information and Systems Security Society (ISSS)

- Organized cybersecurity related events and CTFs
- Booked rooms and planned food for activities
- Managed finances and budgeted for events

CLEAR SPRINGS HIGH SCHOOL, Houston, TX

September 2020- May 2022

Computer Science Tutor

- Provided free tutoring for AP Computer Science courses
- Tutored via Zoom meetings and after school

CLEAR SPRINGS HIGH SCHOOL Houston, TX

September 2021 - May 2022

Computer Science Club President

- Organized Computer Science related activities for school and communities
- Spread awareness of and advocated for the presence of Computer Science courses in school curriculum
- Worked with nearby schools to develop more CS clubs

SKILLS

Technical /Computer Skills: Proficient Java, Python, and HTML, Intermediate CSS, Javascript, and C

Languages: Fluent English and Tamil, Intermediate Spanish

Certifications: Responsive Web Design

HONORS AND AWARDS

- **National Cyber Scholarship Foundation** - Semifinalist
- **Congressional App Challenge** - 1st Place TX-14
- **Presidential Service Award** - Bronze
- **Science and Engineering Fair Houston** - Science Fair Scholar Award
- **NCWIT Aspirations in Computing-** Regional Affiliate Award