

# SAHANA GANAPATHY

832-599-1970 | sahana@cs.utexas.edu

Austin, TX | <http://www.linkedin.com/in/sahana-ganapathy>

## 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, Operating Systems, Linear Algebra

- GPA: 3.6

## 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:** Designed and created a personal website to display projects and thoughts.
- **AIR QUALITY DRONE:** Modified a drone to gather environmental data using Arduino hardware.
- **PAIN RELIEF KNEE PAD:** Assembled a TENS device integrated into a knee pad for athletic cramps.
- **PIPELINED SHELL:** Created a pipelined command interpreter in C.
- **MUSIC ANALYZER:** Trained a language model (DistilGPT) to identify emotions in song lyrics.
- **COOLING PILLOW:** Designed and produced a pillow designed to cool the body for improved sleep quality.

## 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 and Communications 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