

Tara Sophia Roshan

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EDUCATION **University of Texas at Austin (UT)**, Austin, Texas Aug 2020 - present
Undergraduate Computer Science Major
Expected Graduation: May 2024 GPA: 3.9/4.0

NOTABLE COURSEWORK *Current:* Operating Systems (**CS 439**), Compilers (**CS 375**)
Completed: Computer Architecture (**CS 429**), Data Structures (**CS 314**),
Big Data in Biology (**CS 378**)

RESEARCH & INTERNSHIPS **Engineering Intern** at *Dremio* May 2022 - August 2022

- Built a SQL code formatter with easily-maintainable grammar.
- Gained experience working with parsers generators.

Computational Biology TA at *UT Austin* Spring 2022

- Teacher's assistant for the EvoDevOmics Stream (a branch of the Freshman Research Initiative).
- Mentored students in R, the command line, and biological concepts for about 5h/week (one semester long).

PERSONAL PROJECTS **Browser Extension** Dance Monkey Fall 2022

- Chrome/Firefox browser extension for learning YouTube dances via mirroring and adjusting the playback rate of videos.
- Learned browser permissions for manifest files. Used vanilla JavaScript, HTML, CSS.

Discord Bot Study Bunny Summer 2021

- Discord bot that lets you set a timer for 5-50 minutes to study and pings you when you're done.
- Made using the `discord.js` package (skills: npm and node.js).

SKILLS & LANGUAGES • Experience with **R, LaTeX, Java, Python, HTML, CSS, JavaScript, C**

 • **Professional Communication** - helped organize TEDxYouth@TAMS 2020, speaker at the 2019 TAMSxtalks.

English: native **Farsi/Persian:** working (literate) **Spanish:** elementary (literate)

MEMBERSHIP Association for Women in Math @ UT (Vice President) • Women in CS UT

 • Girls Who Code UT Loop • Information & Systems Security Society @ UT