Tara Sophia Roshan

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EDUCATION

University of Texas at Austin (UT), Austin   Aug 2020 - present
Undergraduate Computer Science Major
Expected Graduation: May 2024   Current GPA: 3.87/4.0

Texas Academy of Math and Science at UNT, Denton   Aug 2018 - May 2020
Traditional Science (Biology) track   GPA: 3.9/4.0

PERSONAL PROJECTS

Study Bunny Discord Bot   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).

EXPERIENCE & INTERNSHIPS

Computational Biology TA   Spring 2022 (Current), UT Austin

- 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).

Mathworks HSMC, JSMC TA   Summer 2020, Online

- Teacher's assistant for the Mathworks Junior Summer Math Camp and Honors Summer Math Camp for 50 hrs/week.
- Supervised students working on introductory Number Theory and fostered collaboration.

SKILLS & LANGUAGES

- Experience with **R, LaTeX, Java, Python, HTML, CSS, JavaScript**
- **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

NOTABLE COURSEWORK

Current: Computer Architecture (**CS 429**), Abstract Algebra (**CS M 373K**)
Completed: Data Structures (**CS 314**), Big Data in Biology (**CS 378**)