Tara S. 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 (4.0/4.0 pre-COVID)

RESEARCH & INTERNSHIPS

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.
- Mentored students in Introductory Number Theory and fostered collaboration.

Mathworks HSMC Research — Summer 2019, San Marcos
- Epidemiology research project employing differential equation modeling and contact networks. Wrote mathematical proofs for Analysis I and Combinatorics I classes (approx. 50hr/week).
- For more information on Mathworks, see txstate.edu/mathworks/about/newsworth

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

HONORS

National Honor Society • UNT's President's List • National AP Scholar

NOTABLE COURSEWORK

Spring 2022: Computer Architecture (**CS 429**), Abstract Algebra (**CS M 373K**)
Completed: Data Structures (**CS 314**), Big Data in Biology (**CS 378**)