WARITH RAHMAN

(469) 318-4831 | ✉ warithr21@gmail.com | https://www.linkedin.com/in/warith-rahman/ | https://github.com/warithr621/

EDUCATION

University of Texas at Austin

B.S. in Computer Science, B.S. in Mathematics — Expected May 2028
- o Courses: Linear Algebra, Probability I; Discrete Math, Data Structures: Honors, Computer Architecture: Honors
- o Activities: Texas Science Bowl (Co-Founder & Data Coordinator), UT Programming Club, Longhorn Math

Allen High School — May 2024
- o Achievements: Rank 12 of 1654, AP Scholar w/ Distinction (16 AP and 2 IB courses)

EXPERIENCE

Freshman Research Initiative — Austin, Texas
Undergraduate Researcher — Jan 2025 - Present
- o Conducting research under Dr. Becca Young in the EvoDevOmics FRI stream, focusing on the influence of gene expression on frog development.

Longhorn Developers — Austin, Texas
Software Engineer — Sep 2024 - Present
- o Collaborating in developing a Google Chrome extension with over 60,000 downloads, improving the registration process for UT Austin students
- o Engaging in scripting processes with TypeScript to automate and streamline functionalities within the extension, contributing to efficient software updates.
- o Implementing web application improvements based on feedback, applying core web development and computer science skills.

Texas Math and Science Coaches' Association (TMSCA) — Allen, Texas
Chief Physics Test Writer — Aug 2024 - Present
- o Developing the physics section for 16 annual TMSCA science tests, including the TMSCA State Meet
- o Coordinate with UIL Physics Director and UIL Liaison to ensure alignment to University Interscholastic League standards and rigorous content

Mathnasium — Allen, Texas
Math Instructor — Apr 2024 - Aug 2024
- o Mentored groups of 4 students in skills ranging from elementary addition to high school algebra through assessment evaluation and missed question reviews to enhance learning
- o Ensured learning productivity by developing daily reflections for student sessions and upholding the cleanliness of the learning center

University of Texas at Dallas — Richardson, Texas
Research Intern — Summer 2023
- o Worked under Dr. Chris Davis in a Natural Language Processing (NLP) research workshop
- o Developed Python scripts using NLTK and BeautifulSoup to conduct linguistic analysis on webpages and articles, including analysis on diction frequency and part of speech

PROJECTS

RamenSense — Jun 2022 - May 2024
- o Interactive mental math trainer for Allen Number Sense Team
- o Auto-generates realistic practice problems
- o Mentored team for state qualification

ACHIEVEMENTS

- o **4x** American Invitational Mathematics Exam (AIME) Qualifier
- o **17x** University Interscholastic League (UIL) State (**5x** Gold, **2024 6A Math and CS State Individual Champion**)
- o **Top 20** pre-college US teams at PicoCTF 2024
- o **2x** Texas A&M Regional Science Bowl **Quarterfinalist** (**2024 captain** @ 1st in-person appearance)
- o Inaugural UT Austin Integration Bee **Quarterfinalist**
- o **3rd Place** Energy AI Hackathon 2025 (hosted by UT Petroleum and Geosystems Engineering Dept.)

ADDITIONAL INFO

Technical Skills: Java, C++, Python (Numpy, Pandas, Sklearn, NLTK)

Language: English fluency, Spanish working proficiency, Bengali working proficiency

Interests: Cryptography, Regression Analytics, Linguistic Evolution, Running, Music