

# Warith Rahman

Allen, TX | warithr21@gmail.com | (469) 318-4831 | linkedin.com/in/warith-rahman | github.com/warithr621

## Education

---

**University of Texas at Austin**, B.S. Computer Science, B.S. Mathematics Aug 2024 - Dec 2027

- **Coursework:** Data Structures (H), Computer Architecture (H); Linear Algebra, Probability I
- **Activities:** Texas Science Bowl (Co-Founder), UT Programming Club (Logistics), Longhorn Math

## Experience

---

**Undergraduate Researcher**, UT Austin – Austin, TX Jan 2025 - Present

- Conducting data analysis under Dr. Joseph Dubie in the EvoDevOmics FRI stream, investigating the role of gene expression in aquatic animal evolution
- Processed and analyzed datasets with 1000s of datapoints using R dataframes

**Lead Physics Test Writer**, Texas Math and Science Coaches' Association – Remote Aug 2024 - Present

- Design and develop the physics section for 16 annual TMSCA science tests, including the TMSCA State Meet
- Coordinate with UIL Physics Director to ensure alignment to University Interscholastic League and AP standards

**Software Developer**, Longhorn Developers – Austin, TX Sep 2024 - Dec 2024

- Contributed to the development of a Google Chrome extension with 60,000+ downloads, streamlining the registration process
- Automated workflows and functionalities using TypeScript, enabling efficient software updates

**Research Intern**, University of Texas at Dallas – Richardson, TX Jun 2023 - Aug 2023

- Worked under Dr. Chris Davis in a Natural Language Processing (NLP) research workshop
- Built Python scripts using NLTK and BeautifulSoup to analyze linguistic features of webpages and articles

## Projects

---

**Game Theory** *Github Repository*

- Designed and implemented a virtual card game using TypeScript and Next.js, featuring dynamic game logic and multiplayer lobby functionality

**RamenSense** *Github Repository*

- Created an interactive mental math training website for the Allen Number Sense Team, generating realistic practice problems and tracking user performance.
- Contributed to the team's state qualification by improving accuracy and speed through tailored training tools.

## Achievements

---

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

## Additional Information

---

**Languages:** Java, C++, Python (Numpy, Pandas, Sklearn, NLTK), R (dplyr, ggplot2),  $\LaTeX$

**Interests:** Cryptography, Regression Analysis, Game Theory, Linguistic Evolution, Running, Music