

# Tameem Uz Zaman

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Edinburg, Texas, 78541

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## GRADUATE STUDENT

I am currently pursuing a Master of Science in Computer Science at the University of Texas Rio Grande Valley (UTRGV), where I am also a Graduate Research Assistant at the MARS Lab. My research focuses on deep learning in swarm robotics, and I have a keen interest in Software Engineering and Machine Learning. I am actively seeking a software engineering internship for the upcoming summer to apply my skills in a practical setting and gain industry experience.

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## SKILLS AND INTERESTS

**Interests:** Software Development, Machine Learning, Artificial Intelligence

**Languages:** Java, C++, JavaScript, Python

**Frameworks:** Git, SQL, AWS, PyTorch, Spring, MongoDB, Docker

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## EDUCATION

MS in Computer Science

**The University of Texas Rio Grande Valley**

Expected 2026

Bachelor of Computer Science

Major in Computer Networks & Security

**University of Technology Malaysia** (#181 QS Ranking)

CGPA - 3.7/4.0 (Dean's Award)

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## PROFESSIONAL EXPERIENCE

**MARS Lab - The University Of Texas Rio Grande Valley**

**Sep. 2024 - Present**

**Graduate Research Assistant**

- Under Dr. Qi Lu, researching deep reinforcement learning in swarm robotics.

**Wavelet Solutions Sdn Bdn - Kuala Lumpur, Malaysia**

**May 2023 - Nov. 2023**

**Software Developer Intern**

- Reduced the EC2 usage, which helped the company to save \$60,000/year.
- Created test automation using TestNg and API documentation using WriterSide.
- Added indexing in PostgreSQL, increased the speed of database query by 10%.
- Collaborated in an agile manner with cross functional team sprints, participated in 100% of daily scrums.

**Firmus Sdn Bhd - Kuala Lumpur, Malaysia**

**Oct. 2022 - Feb. 2023**

**Security Analyst Intern**

- Performed 2 onsite network penetration testing in every week.
  - Used "Fastest" crawl strategy to increased web application vulnerability scanning by 20%.
  - Delivered 5 reports for the findings in every week.
  - Gave 100% attendance.
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## PROJECTS

**Ecommerce Application**

<https://github.com/Tameem786/Ecommerce-backend>

An Ecommerce website using Angular, Typescript for Front-End and NodeJS for Backend.

**Skills:** Stripe · Node.js · Postman API · AngularJS · MongoDB

**Food Chain Web Development**

<https://github.com/Tameem786/Food-Chain-WebDEV>

This website is build to provide food supply among students using PHP Laravel Framework with MySQL database.

**Skills:** MySQL · PHP · Laravel

**Spring-Boot-Reactive**

<https://github.com/Tameem786/Spring-Boot-Reactive>

A application for describing the difference between spring MVC and webFlux.

**Skills:** REST APIs · Spring Boot · Reactive Programming · Java · Spring Webflux

**UTM - Industrial Training System**

[https://github.com/Tameem786/utm\\_its](https://github.com/Tameem786/utm_its)

This is a Mobile Application which help students to find their internships.

**Skills:** Dart · Flutter · Firebase