

# Taufiq Syed *CS Graduate*

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## Synopsis

Computer science graduate focused on AI and LLMs, blending research, software engineering, and community leadership to deliver impactful tech solutions. Highly product-driven.

## Awards

**Secured 2nd in SoftwareAG GITECH Future Disruptors Competition | 2023**

**Placed 1st in AUS Programming Contest | 2022**

**Secured 2nd in Abu Dhabi University STEM Programming Contest | 2022**

**Secured 2nd in "AUS Tech-centric Hackathon" | 2022**

**Participated in Gulf Programming Contest (5th out of 30 teams) | 2022**

## Education

**American University of Sharjah**

*BS Computer Science*

09/2021 – 06/2025

Courses: Neural Networks, Artificial Intelligence, Data Mining, Databases, Stochastic Systems, Data Science, Recommendation Systems, Discrete Maths

## Skills

**Large Language Models:** Hugging Face, LangChain, Fine-tuning, NLP, Transformers

**Source Control:** Git, GitHub, GitLab, CI/CD

**Backend Development:** Node.js, Django, Docker, Linux, Bash, SQL, MongoDB, NoSQL

**Front-end Development:** React, Next.js, Flutter, React Native, HTML, CSS, Firebase

**AWS Certified Cloud Practitioner** [🔗](#)

**Coursera Deep Learning Specialization** [🔗](#)

**Artificial Intelligence:** TensorFlow, PyTorch, Pandas, PySpark, NumPy, Sklearn, Gradient Boosting

**UX/UI:** User stories, Wireframing, Mock-ups, Figma

## Languages

Python • C++ • JavaScript • TypeScript • Java • MATLAB • R • Dart • Flutter

## Soft Skills

Leadership • Creativity • Divergent thinking • Initiative • Communication • Adaptability

## Professional Experience

**Full-Stack Developer**

*Belsons Technologies* [🔗](#)

08/2025 – Present | Dubai, UAE

Extended proprietary ERP, architected project-wide access control system, and implemented automated tests for core business logic.

**Software Engineering Intern**

*Belsons Technologies* [🔗](#)

07/2024 – 08/2024 | Dubai, UAE

Conducted statistical market research and generated AI-driven property reports with GPT-4, aligning insights with real-world data for accurate forecasts.

**Software Engineering Intern**

*ILM UX Ltd.* [🔗](#)

06/2022 – 09/2022 | Mumbai, India

Learnt about the CI/CD software development pipeline and wrote automated tests for quality assurance. Used WebSockets to create an internal chat application.

## Projects

**Generation of High-Level Music Structures**

*American University of Sharjah - COE 476*

Processed music dataset into music-prompt pairs with extracted structural information, and finetuned the MusicGen transformer using a LoRA adaptor. [CLAP LAION FAD: 0.9959; Overall Quality: 70.48/100]

**Attendance & Event App**

*AUS College of Engineering*

Utilized Flutter for cross-platform mobile application development. Integrated Node.js backend with mobile application. Configured notifications and offline caching.

## Research

**Generative AI for Early Grade Story Generation Using a Self-Reflective Approach**

*IEEE · Jul 14, 2025*

Publication Link [🔗](#) | Authors: Taufiq Syed; Aadhith Shankarnarayanan; Yara Kaddoura; Salsabeel Shapsough; Imran Zualkernan; Ekaterina Kochmar

**Tailored Tales: Enhancing Children's Reading Comprehension with Preference-Tuned Automatic Story Generation**

*IEEE · Mar 28, 2025*

Publication Link [🔗](#) | Authors: Aadhith Shankarnarayanan; Taufiq Syed; Salsabeel Shapsough; Imran Zualkernan; Ekaterina Kochmar

**Can GPT-4 Aid in Detecting Ambiguities, Inconsistencies, and Incompleteness in Requirements Analysis? A Comprehensive Case Study**

*IEEE Access · Sep 19, 2024*

Publication Link [🔗](#) | Authors: Taslim Mahbub; Dana Dghaym; Aadhith Shankarnarayanan; Taufiq Syed; Salsabeel Shapsough; Imran Zualkernan

**Once Upon a GPT-4: Enhancing Diversity in Automated Reading Comprehension Story Generation with Classic Tales**

*IEEE · Jul 1, 2024*

Publication Link [🔗](#) | Authors: Aadhith Shankarnarayanan; Taufiq Syed; Salsabeel Shapsough; Imran Zualkernan

## Extracurriculars

**President | Open Source Club** [🔗](#)

*American University of Sharjah*

2023 – 2024 | Organized 15 interactive workshops

Conducted technical workshops on Node.js, React, Git, etc.

**Activities Coordinator | Tech-Entrepreneurship Club** [🔗](#)

*American University of Sharjah*

2023 – 2024 | Led a 5-part Flutter workshop series

**Student Officer | IEEE Computer Society** [🔗](#)

*American University of Sharjah*

2022 – 2024 | Conducted e-commerce & competitive programming workshops