DESIRED EMPLOYMENT / OCCUPATIONAL FIELD

Master's in Artificial Intelligence / Computer Science

PERSONAL INFORMATION

Name	Sepehr Jokanian
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LinkedIn	linkedin.com/in/sepehr-jo
GitHub	github.com/sepehrjo
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WORK EXPERIENCE

AI Developer Intern

July 2024 - November 2024

Asia Pacific University of Technology & Innovation

Developed and implemented a chatbot for the Asia Pacific University Career Center, Alumni, and Cooperative Training websites to enhance user interaction and support.

EDUCATION AND TRAINING

Bachelor of Computer Science (Artificial Intelligence)

2022 - 2025

Asia Pacific University of Technology & Innovation

Final Year Project: Developing an Artificial Intelligence System for Cyberbully Detection and Enhancing Safety on Online Forums

- Awarded A+
- Selected to compete among the university's outstanding final-year projects

Diploma in Mathematics and Physics

2012 - 2016

Shahid Ayatollah Dastgheib High School

CGPA: 3.80 (19.06/20)

PERSONAL SKILLS

Language Skills

Mother tongue(s)	Persian

Other language(s) English

Self-assessment (European level - CEFR)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

Language certificates: PTE Academic - Overall: 69 | Listening: 65 | Speaking: 73 | Writing: 65 | Reading: 72

Programming Languages

- Python
- Java
- C++
- C Programming
- R Programming
- MATLAB
- SQL
- Flutter (Dart)
- HTML/CSS

Technical Skills

AI/ML Expertise: Neural Networks, Deep Learning, Computer Vision, Natural Language Processing (NLP), TensorFlow, PyTorch, Machine Learning

Specialized Areas: Generative AI, Large Language Models, Prompt Engineering, Computer Vision with Azure, Deep Learning for Healthcare

Social skills and competences

- Good team-working abilities developed through collaborative academic projects.
- Effective communication skills from presenting final year project and internship experiences.

Organisational skills and competences

- Ability to prioritize tasks and meet deadlines, as shown in multiple 2025 AI/ML projects.

Digital skills

Self-assessment: Proficient user

Information and data literacy	Communication and collaboration	Digital content creation	Safety	Problem-solving
Proficient	Proficient	Proficient	Proficient	Proficient

- **Advanced:** Python, SQL, Machine Learning (Naive Bayes, SVM, Regression models), NLP (TF-IDF, Cross-entropy loss), Java.
- **Intermediate:** C++, R Programming, MATLAB, Flutter (Dart), HTML/CSS, TensorFlow/PyTorch, Computer Vision (Convolutional Neural Networks).

PUBLICATIONS

Jokanian, S., & Alizade, S. (2026). Developing an artificial intelligence system for cyberbully detection and enhancing safety on online forums. *Manuscript under preparation for publication.*

Jokanian, S., & Sneha, J. A. (2024). Overcoming bushfires challenges via machine learning techniques and enhanced training data in Australia. *Australasian Journal of Information Systems (AJIS). Manuscript submitted for publication.*

Jokanian, S. (2024). Application of machine learning for the prediction and management of non-communicable diseases. *Journal of Applied Technology and Innovation (JATI)*.

https://jati.sites.apiit.edu.my/files/2024/11/Volume8_Issue4_Paper5_2024_28-35.pdf

PROJECTS

Cyberbullying Detection System | Python, NLP, TensorFlow/PyTorch

2025 (Final Year Project)

Automated abusive language detection with 92% accuracy using cross-entropy loss and Adam optimizer

Face Mask Detection Enhancement | AI/ML (Computer Vision)

2025

Enhanced real-time face mask detection system using Convolutional Neural Networks and real-time inference optimizations

SMS Spam Detection System | Python, Machine Learning

2025

Built end-to-end pipeline for SMS text cleaning with TF-IDF feature extraction and Naive Bayes/SVM models

Handwriting Detection System | MATLAB

2025

Implemented image processing algorithms and evaluated OCR performance on handwritten samples

Car Price Prediction System | Python, AI

2025

Developed regression-based models with feature engineering to predict car prices

Language Learning App | Flutter (Dart)

2024

Cross-platform UI with interactive lessons, quizzes and progress tracking on admin panel

Hostel Visitor System | Java EE, HTML, CSS, Servlets

2024

Enterprise backend services with session management and role-based access control

Data Factorization | R Programming

2024

Applied PCA/SVD/NMF techniques for dimensionality reduction and factor analysis

E-Library Data Management System | SQL

2023

Database design with normalization and complex query implementation

Trivia Pursuit Card Game | C++

2023

Implemented core gameplay mechanics with game logic, scoring system and random question generation

REFERENCES

Reference 1 **Shahab Alizadeh**
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Asia Pacific University of Technology & Innovation
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Reference 2 **Zailan Arabee Abdul Salam**
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