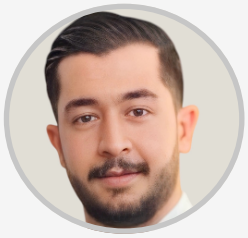
europass



Sepehr Jokanian

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Address: Kuala Lumpur, Malaysia (Home)

ABOUT ME

I am a recent Computer Science (AI) Graduate from Asia Pacific University of Technology & Innovation with a passion for AI/ML, Computer Vision, and NLP. My academic journey includes an award-winning Final Year Project

EDUCATION AND TRAINING

09/2022 – 09/2025 Kuala Lumpur, Malaysia

BACHELOR OF COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) Asia Pacific University of Technology & Innovation

Level in EQF EQF level 6

2012 – 2016 Mashhad, Iran

DIPLOMA IN MATHEMATICS AND PHYSICS Shahid Ayatollah Dastgheib High School

PUBLICATIONS

2026

Developing an artificial intelligence system for cyberbully detection and enhancing safety on online forums

Authors: Jokanian, S., & Alizade, S. | **Journal Name**: Manuscript under preparation for publication

2024

Overcoming bushfires challenges via machine learning techniques and enhanced training data in Australia

Authors: Jokanian, S., & Sneha, J. A. | **Journal Name**: NA

2024

Application of machine learning for the prediction and management of non-communicable diseases

Authors: Jokanian, S.

Link https://jati.sites.apiit.edu.my/files/2024/11/Volume8 Issue4 _ _ Paper5 2024 _ _ 28-35.pdf

PROJECTS

2025

Cyberbullying Detection System | Python, NLP, TensorFlow/PyTorch

Cross-entropy loss and Adam optimizer; automated abusive language detection with 92% accuracy

2025

SMS Spam Detection System | Python, Machine Learning

TF-IDF feature extraction; Naive Bayes / SVM experiments and model selection; built end-to-end pipeline for SMS text cleaning

2025

Handwriting Detection System | MATLAB

Implemented image processing algorithms (pipeline and evaluated OCR performance) on handwritten samples

2025

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

Enhanced a real-time face mask detection system (Convolutional Neural Networks and real-time inference optimizations)

2025

Car Price Prediction System | Python, AI

Developed regression-based models (linear reg, tree ensembles) and feature engineering to predict car prices

2024

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

Enterprise backend services with session management and role-based access; developed visitor registration, logging and reporting modules to streamline operations

2024

Language Learning App | Flutter (Dart)

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

2024

Data Factorization | R Programming

Applied PCA / SVD / NMF techniques for dimensionality reduction and factor analysis; implemented workflows to factorize large datasets and improve downstream processing

2023

E-Library Data Management System | SQL

Database design, normalization and complex query implementation; designed and implemented robust schema for efficient storage and retrieval of library data

2023

Develop Trivia Pursuit Card Game | C++

Game logic, scoring system and random question generation; implemented core gameplay mechanics and collaborated on UI/gameflow integration

WORK EXPERIENCE

AI DEVELOPER INTERN – APU CAREER CENTRE – 07/2024 – 11/2024 – KUALA LUMPUR, MALAYSIA

Developed and implemented a chatbot for the websites to enhance user interaction and support.

SKILLS

Programming Languages

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).

Core 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 prioritise tasks and meet deadlines, as shown in multiple 2025 AI/ML projects.

LANGUAGE SKILLS

Mother tongue(s): **PERSIAN**

Other language(s):

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

RECOMMENDATIONS

Shahab Alizadeh Lecturer of Computing Faculty

Recommendation Letters Available Upon Request

Email shahab.alizadeh@apu.edu.my

Zailan Arabee Abdul Salam Senior Lecturer of Computing Faculty

Recommendation Letters Available Upon Request

Email zailan@apu.edu.my