Hamed Ghasr Loghmani

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TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++, C, SQL
- **Frameworks and Tools:** PyTorch, Tensorflow, OpenCV, Django REST, Git, NLTK
- **Database Management:** MySQL, Microsoft SQL Server
- **Operating Systems**: Linux, Unix, Microsoft Windows
- **Team Collaboration Tools:** Trello, Github Project Management, Microsoft Teams

EDUCATION

Master of Science Computer Science Artificial Intelligence Stream Co-op   Sep 2022 - Present
University of Windsor, Windsor, ON

Bachelor of Science Computer Engineering   Sep 2016 - Feb 2021
Shahid Chamran University of Ahvaz, Ahvaz, Khouzestan, Iran
- GPA: 3.44 / 4.0

PUBLICATIONS

- H. Loghmani, H. Fani; Bootless Application of Greedy Re-ranking Algorithms in Fair Neural Team Formation. In the 4th International Workshop on Algorithmic Bias in Search and Recommendation, Co-located with the 45th European Conference on Information Retrieval (ECIR 2023), (BIAS'23), 2023.

RESEARCH EXPERIENCE

Graduate Research Assistant   Sep 2022 - Present
Fani's Lab, University of Windsor, Windsor, ON
- Leading a team of 4 to experiment on fairness in machine learning specifically, developing fairness-aware team formation solutions

Research Assistant   Sep 2021 - Jul 2022
IDS Lab, Amirkabir University of Technology, Tehran, Iran
- Experimented on methods for automatic skin cancer diagnosis and classification while trying to boost 2 key factors, method's explainability and adaptability to different domains

Research Assistant   Jun 2021 - Sep 2021
TPK Company, Shahid Chamran University, Ahvaz, Khouzestan, Iran
- Conducted research as a survey paper on potentials for integration of machine learning and AI techniques in operating system's kernel

PROFESSIONAL EXPERIENCE

Back-end Developer   Jun 2020 - Aug 2021
Gholop Startup, Tehran, Iran
- Designed a web application for Gholop, an exclusive coffee shop delivery service
- Used Django REST for the main development framework in addition to PostgresSQL as database management system

ACADEMIC PROJECTS

Dataset from Digikala's™ Open Data   May 2021 - Aug 2021
Shahid Chamran University, Ahvaz, Khouzestan, Iran
- Created and analyzed a dataset from Digikala's™ Open Data project

IRB6700 Robot Application
Shahid Chamran University, Ahvaz, Khouzestan, Iran
- Developed a program for IRB6700 industrial robot's forward and inverse kinematics with Python in one month

Image Scanner   May 2020 - Jun 2020
Shahid Chamran University, Ahvaz, Khouzestan, Iran
- Created an image to document scanner application using Python and OpenCV

Online Car Lowest Price Finder   Dec 2019 - Jan 2020
Shahid Chamran University, Ahvaz, Khouzestan, Iran
- Designed and implemented a system to find best price for different cars in Iran's market from online resources using Python

Task Service (modelled after Taskrabbit™)   Oct 2018 - Feb 2019
Shahid Chamran University, Ahvaz, Khouzestan, Iran
- Built a web application with Django as back-end framework in addition to HTML and CSS as front-end tools MySQL was utilized as database management tool

CERTIFICATES & TECHNICAL TRAINING

Mathematics for Machine Learning, Imperial College London (offered through   Sep 2021
Coursera)

Machine Learning, Stanford University (offered through Coursera)   May 2021

SERVICES

Program Committee Member of ACM International Conference on Information and Knowledge Management (CIKM), Applied & Resource Paper Track, CORE Rank: A , June 2023

AWARDS

Entrance Scholarship, School of Computer Science, University of Windsor   CAD$4,000 Sept 2022

ACTIVITIES

- Artificial Intelligence Consultant for Podnap™ Startup(2019-2020)
- Chairman of Scientific Association of Computer Engineering(2018-2019)
- Head of Translation Unit of Scientific Association of Computer Engineering(2017-2018)