

AMIR M. KARIMI

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EDUCATION

Computer engineering B.S
Area of study: Software engineering
Sep 2017-July 2021 University of Isfahan
• Isfahan, Iran | Last 2 semesters GPA: 3.66 | GPA: 3.40

RESEARCH INTEREST

- Recommender systems
- Machine Learning

HONORS & AWARDS

Awarded fellowship
Undergraduate program, Computer engineering
Sep 2017 University of Isfahan

Offered fellowship
Master's program, Artificial Intelligence
Sep 2021 University of Isfahan
• Top students of the University of Isfahan are offered a fellowship for a higher degree in the university.

Top 1% of Universities entrance exam
Among 148,000+ applicants
Jul 2017 Iran

8th place at MPM 2018
Among 50+ startup teams
Sep 2018 Sharif university of Technology
• Awarded support of Omid accelerator

Sharif AI Challenge 2019
Among 24 selected teams from 1000+ teams
Feb 2019-Mar 2019 Sharif university of Technology

UIAI Challenge 2018
Nov 2018 University of Isfahan

RESEARCH EXPERIENCE

Scarlett, A movie Recommendaion sys-tem
Under supervision of Dr. Fatemi
Nov 2020-June 2021 University of Isfahan
All computer engineering students in the univer- sity of Isfahan are required to write a proposal and complete the project following the defined proposal and defend their dissertation. Based on journal publications about movie rec- ommender systems, Scarlett is a software plat- form with its owned dynamic crawlers, datasets, maintenance tools, and Collaborative-approach for recommending movies to its users. Besides AI, its software platform is a more automated platform for developing recommender systems as a product.

Software Product Line

Recommender system

Data mining

TEACHING ASSISTANTS

Software engineering course
Jan 2022 University of Isfahan
• Under supervision of Dr. Fatemi
Object-oriented Analysis and Design course
Jan 2022 University of Isfahan
• Under supervision of Dr. Ramezani

RELEVANT COURSES

- Software engineering: Spring 2020 (grade:20/20)
- AI and expert systems: Spring 2020 (grade: 18.5/20)
- System design and analysis: Fall 2019 (grade: 19.5/20)
- Algorithm design: Spring 2019 (grade: 18.88/20)
- Data structures: Fall 2018 (grade: 18.5/20)

LANGUAGES

English ●●●●●

- TOFEL: 96 (R: 29, L:20, S:23, W:24)

JOB EXPERIENCE

Software Engineer

Zamin

📅 Jun 2021 – Ongoing 📍 Isfahan, Iran

- Back-end developer
- Active collaborator within scrum team
- Working within a scrum team and JVM stack in a B2B company and 25+ software engineers is a great chance for me to learn more.

Kotlin Spring Spring-boot Akka actors MongoDB

Software engineer

Tejart Gostar Farasoo Company

📅 Feb 2021 – Jun 2021 📍 Isfahan, Iran

- Back-end developer
- Working in a traditional company in terms of waterfall processes and management with stable business and customers and maintaining legacy codes was an achievement for me to know more about my personality and old-fashioned businesses.

PHP MySQL Docker MongoDB

Co-founder & Head of Software engineering

Scarlett

📅 Mar 2020 – Mar 2021 📍 Isfahan, Iran

- Co-founder of an entertainment industry startup, focused on movie recommendation and social network, the team members changed several times but startup survived but needs fundraiser. Team creation and management, plus business concerns and state-of-the-art technologies are my achievements from this experience. Scarlett uses 2 different collaborative datasets and its Persian dataset is created by itself and its first version is free and open-source.
- [Persian dataset on Kaggle](#)

Django machine learning scikit-learn elasticsearch

Software Engineer

Chandmahame Company

📅 Nov 2019 – Aug 2020 📍 Isfahan, Iran

- Developer of 3 android applications via Java/Kotlin See last app on [Play store](#)
- Back-end developer for application APIs
- Tech employment process designer and interviewer of php/Laravel and Android

Android Kotlin Java Laravel PHP MVVM

REFERENCES

Recommendation letter by Dr. Fatemi | Professor of University of Isfahan, Iran [Send email](#)

Recommendation letter by Dr. Ramezani | Professor of University of Isfahan, Iran [Send email](#)

Recommendation letter by Dr. Hojaji | Post-doc researcher at University of Limerick, Ireland [Send email](#)

PROJECTS

Rasha

Link

📅 Jul 2019 📍 Chavoosh company

- Android app for finding nearest charge-bank around yourself

Android Java Volley Google map
MVC

Abfa

📅 Feb 2020 📍 Naghshe negar company

- Android app for mechanization of manholes and pipes inspection

Android Kotlin Room MVVM

COURSES

LPIC-2 (Advanced System admin)

Offered by Gotoclass

📅 Aug 2020 – Sep 2020 📍 See course info

Machine Learning in python

Offered by IBM

📅 Marc 2019 – May 2019 📍 See course info

Advanced Recommender Systems

Offered by Politecnico di Milano

📅 Mar 2021 – Mar 2021 📍 See course info

VOLUNTARILY

Council member of AI association

[See Linkedin page](#), [See Instagram page](#)

📅 May 2020 – July 2021 📍 University of Isfahan