

REZĀ LATIFI

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PERSONAL PROFILE

Recent Computer Engineering graduate from Ferdowsi University of Mashhad (FUM) with expertise in Machine learning. Worked as a teaching assistant and software engineer. Looking to utilize knowledge gained during my studying and business endeavors to undertake postgraduate research on topics related to Machine Learning, NLP, Machine Vision or Algorithm Design.

EDUCATION

09/2016 – 10/2021 *Ferdowsi University of Mashhad*
Computer Engineering
Relevant Courses: Fundamentals of Computational Intelligence, Artificial Intelligence and Expert Systems, Algorithms Design, Applied Linear Algebra
Degree project: Refining Fārsi(Persian) Text from Loan Words Using Machine Learning

TEACHING EXPERIENCE

06/2019 - 08/2019 Programming Course
Private institute
Taught face-to-face

- Tutored PHP and MySQL to a class of 10-20 Pupils. The final project of the course was a Telegram English-Persian translator bot.

02/2019 - 06/2019 Undergraduate
Ferdowsi Univerdity of Mashhad
Algorithms Design – TA
Professor: Dr. Mahmoud Naghibzadeh
Taught face-to-face

- Responsible for testing and grading of assignments, providing students with informative feedback, holding extra training classes for students who asked for.

PUBLICATIONS

Latifi, R., Naghibzadeh, M. “A New Hypercube Variant: Pruned Shuffle Connected Cube.” *11th International Conference on Computer and Knowledge Engineering (ICCKE2021)*.

Proposed a variant of the hypercube named Pruned Shuffle Connected Cube (PSCQ). PSCQ maintains all desired properties of the hypercube with reduced node edges, lower diameter length, lower average distance, and lower average vertex degree. Furthermore, some limitations of the hypercube are obviated.

EMPLOYMENT HISTORY

- 08/2021 - Present Project Manager, Full-time
GreenWeb
Machine Learning, Machine Vision
- Using facial recognition technology to track employees entering or leaving a work site could be the solution employers are looking for. As the first step to achieving this goal, authenticating the arrival and departure of the employees using their phone front camera can be helpful. The aim of this project is to use face recognition for authentication, which can be used in various use cases. Further steps are the ability to recognize gestures and poses. The model trained in the project can be reused using Transfer-learning methods as a general face descriptor.
- 06/2021 - 08/2021 Back End Developer, Full-time
GreenWeb
Web Development
- Developed an API for managing Site-builder affiliates credit in WHMCS. The API is frequently called. Therefore, the challenge was the response speed and reliability of the service.
 - Developed the Site-builder affiliate software as an add-on in WHMCS, which is a complete toolkit for Site-builder affiliates to set up their own Site-builder service.
- 09/2019 - 06/2021 Back End Developer, Part-time
GreenWeb
Web Development
- Developed a software for Site-builder affiliates in WordPress. Mana Site-builder creates websites within seconds, providing hundreds of professional website templates and tens of easy-to-use management tools. The affiliate software is responsible for using the Site-builder API to create websites. Providing management tools for both affiliates and customers, and the ability to sell services using Woocommerce online shop products. I was responsible for software architecture, database design, and backend programming with PHP.
 - Developed an accounting service for customers of the Site-builder to connect their online shops to some common accounting softwares.

LANGUAGE

Fārsi (Persian) - Mother Tongue
English - Fluent

AWARDS & HONORS

2017 The Second Computer Engineering Competition at Ferdowsi University of
Mashhad. - 3rd place

MEMBERSHIP

2016 - Present

FUM Robotics Community

Research & Development

- Developed an admin panel for customer management of PasokhPlus with Laravel and PHP.
- Developed a Joomla plugin to publish, delete or update articles of a news agency website in a specified Telegram channel automatically with PHP.
- Developed a Telegram bot for receiving the news for a news agency website. Providing management options for managers.