ALI PAZAHR

ASSISTANT PROFESSOR

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SUMMARY

As a dedicated Assistant Professor with over 20 years of experience in academia and software development, I aim to leverage my expertise computer engineering, IT management, and cutting-edge research to foster innovative learning environments and drive technological advancements. With a PhD in IT and a robust portfolio of teaching and industry projects, I seek to contribute to a dynamic academic institution or research-driven organization. My goal is to inspire and mentor the next generation of technology professionals while collaborating on transformative projects that bridge the gap between academia and practical application.

SKILLS

C#, CSS, JavaScript, Bootstrap, HTML, SQL, Microsoft SQL Server, Microsoft ASP.NET, Software Engineering, SDLC, Multimedia Development, Visual Studio .NET, Analytical Skills, Communication and organizational Skills, Problem Solving, Full Stack Web Development, AWS, Network Design and Administration, Agile Methodologies (Scrum)

EXPERIENCE

Instructor
Memorial University of Newfoundland| St. John's, NL, Canada   **Sep 2024 - Dec 2024**
- Taught Computer Software Foundations, Department of Electrical and Computer Engineering

Faculty Member
Azad University, Ahvaz branch | Ahvaz, Iran   **Feb 2009 - Sep 2023**
- Taught a variety of courses, Department of Computer Engineering, with in-person and online delivery.
Oct. 2017 – Sep. 2023: Assistant Professor
Feb. 2009 - Sep. 2017: Lecturer

Assistant Professor
Azad University, Ahvaz branch | Ahvaz, Iran   **Feb 2020 - Sep 2023**
Science and Research Department, Azad university of Ahvaz | Ahvaz, Iran   **Feb 2018 - Jan 2023**
Paniz Education Center | Ahvaz, Iran   **Aug 2018 - Feb 2019**
Shahid Chamran University of Ahvaz | Ahvaz, Iran   **Feb 2018 - Jul 2018**
Ahvaz Jundishapoor University of Medical Sciences | Ahvaz, Iran   **Oct 2018 - Sep 2020**

- Designed, developed, and implemented curriculum for computer engineering related courses for 4572 undergraduate and graduate students, including national and international in English.
- Assisted grad students to register, attend and engage with computer-engineering conferences and seminars.
- Supervised theses for the 26 master students since 2017
- Collaborated with other professors and the dean of the department in recognizing talents for higher education.

Lecturer, Various Institutions   **Feb 2001 - Jul 2017**

- Taught a variety of courses in IT and Computer Engineering, including web development, …
- Continuous learning, staying on the edge of Software Engineering

IT School Administrator
Iran Technical & Vocational Training Organization | Ahvaz, Iran   **Sep 2001 - Mar 2015**
Computer Science Instructor
Khuzestan Steel Company | Ahvaz, Iran   **Sep 2009 - Oct 2009**

SUPERVISION EXPERIENCE (At Azad University, Ahvaz branch)

Supervising master students for their theses with the subjects mainly in recommender systems and data security

INDUSTRY EXPERIENCE

Full stack Web Developer
[Ahvaz Jondishapur University of Medical Sciences](#) **| Ahvaz, Iran**   **12/2022 – 11/2023**
- Produced a web application as a CMS using ASP.NET C#, CSS3, Bootstrap, HTML, MS SQL Server.

- Administered and advanced the website with the capability of searching over the scorpions and their peptides.
- Provided access to a comprehensive database which was 3 times more convenient than the old database.
- Implemented an administration panel with the capabilities of adding, editing and deleting the specifications of the scorpions and their venom peptides.

Senior Software Developer

World Trip Adviser| Yerevan, Armenia   **12/2021 – 08/2023**

Zist Fanavaran Pars Oxin | Ahvaz, Iran   **11/2020 – 09/2023**

Afagh Sazeh Jonoob Co. | Ahvaz, Iran   **09/2017 – 07/2020**

- Executed the website by WordPress and further modules.
- Optimized website for search engines (SEO)
- Created and launched a website that attracted more target audiences, reached to 92K in 30 days.
- Administered the website.
- Provided immigration services.
- Increased sales of training and immigration packages to 30%
- Planned a website to introduce company's services including presentation of the cultivated plant products.
- Introduced the company appropriately, more sales for the company to 23%, 100% Employer's satisfaction.

Web Developer

Azad University, Ahvaz branch | Ahvaz, Iran   **07/2020 – 11/2020**

- Designed a responsive Virtual Tour for the website of the university using HTML, CSS and JavaScript.
- Took 360 degrees' photos using a professional camera, designed a virtual tour, embedded the photos in the virtual tour, published the virtual tour on the host.
- Achieved the university photo's views up to 77140 times more.
- Boosted the incoming for the university through the new students to 15% by renting some places of the university such as halls and lecture salons.

PUBLICATIONS

- Increasing the Accuracy of Recommender Systems Using the Combination of K-Means and Differential Evolution Algorithms

Journal of Advances in Computer Research, Vol 11, No 5, Sari, Iran   **Oct 2020**

- An efficient hybrid recommender system framework using semantic technology for social networks

Journal of Revista INGENIERÍA UC, Vol 27, No 1, Venezuela   **Apr 2020**

- Consideration of Intelligent Applications to Support Diabetic Patients: A Scoping Review for Nutrition Mobile Phone Apps

Journal of Contemporary Medical Sciences, Vol 6, No 1, Iraq   **Jan 2020**

- Semantically-enhanced advertisement recommender systems in social networks

18th International Conference on Information Integration and Web-based Applications & Services (iiWAS2016), Singapore, Published in ACM   **Nov 2016**

- A two layered security model for accessing multimedia content in social networks

14th International Conference on Advances in Mobile Computing & Multimedia (MoMM2016), Singapore Published in ACM   **Nov 2016**

- An access control architecture based on cryptography for social networks

Intl. Journal of Novel Computer Science and Power Solutions (IJNCSPS), Volume 1. No.1, Ahvaz, Iran   **Jul 2016**

- Fault-Tolerant and Information security in Networks using Multi-Level Redundant Residue Number System

Research Journal of Recent Sciences, Indore, India   **Aug 2013**

- Research Plan: Residue Number System Security Test in Communication Networks, Azad University, Ahvaz branch, Ahvaz, Iran   **Sep 2011**

- Book: Introduction to Multimedia Systems

Tarava, ISBN: 978-964-04-4163-3   **Sep 2009**

EDUCATION

PhD / IT (Recommender Systems)

University of Valencia | Valencia, Spain   **Graduated: Sep 2017**

Master's degree / IT Engineering (E-Commerce)   **Evaluated by WES**

Shiraz University | Shiraz, Iran   **Graduated: Sep 2008**

Bachelor's degree / Computer Engineering (Software)   **Evaluated by WES**

Shahid Chamran University of Ahvaz | Ahvaz, Iran   **Graduated: Sep 2003**

CERTIFICATIONS & LICENSES

- International Mentor Program (IMP)

A network of international talents and mentors, Main core: Boston, Massachusetts, USA   **Jun 2016**

- Introduction to statistics and SPSS

Azad University, Ahvaz Branch, Ahvaz, Iran.   **Jun 2015**

- Research Visit

Multimedia Information System research group, University of Vienna, Vienna, Austria   **Jan 2014**

HONORS & AWARDS

Applied Patent: A framework of two-step authentication for increasing the security level of social network users.

State organization for registration of deeds and properties, Iran   **Jul 2013**

MEMBERSHIPS & AFFILIATIONS

The Computer Journal, Oxford University Press, Manchester University, UK (**Reviewer)**, International Journal of Novel Computer Science and Power Solutions (IJNCSPS), Ahvaz, Iran (**Editorial Member)**, International Conference on Technologies and Innovation (CITI), Guayaquil, Ecuador (**Reviewer),** The Journal of Medical Internet Research (JMIR), Toronto, Canada (**Reviewer)**, Iranian Electronic Commerce Association, Iran (**A member of),** Iranian Society of Information Technology, Iran (**A member of)**

LANGUAGES

English: Fluent **- French:** Conversational **- Persian (Farsi):** Native