

Sima Yousefinejad M.Eng



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Education

Islamic Azad University

Sanandaj Branch, Iran

Sep 2016 – Jan 2019

M.Sc. in Computer Engineering- Software, Faculty of Engineering

Overall GPA: 4 / 4 (19.05/20)

M.Sc. Thesis: Improve the Efficiency of Self-Organizing Networks the Internet of Things

Supervisor: Ph.D. Abdulbaghi Ghaderzadeh

Islamic Azad University

Hamedan Branch, Iran

Jan 2004 – Jun 2008

B.Sc. in Computer Engineering- Software, Faculty of Engineering

Overall GPA: 3.03 / 4

Final Project: Stock Market Forecasting Using Artificial Neural Networks

Farzanegan High School

Sanandaj, Iran

Sep 2001 – Jun 2002

Diploma of Math and Physics, National Organization for the Development of

Brilliant Talents

Overall GPA: 17.65/20

Research Interests

- Internet of Things (IoT)
- Information Technologies
- Data Mining
- Cloud Computing
- Artificial intelligence and machine learning
- Information Security
- Science and Technology

Teaching Experiences

Sep 2019 – Present

Part-Time Lecturer

1- Technical and Vocational University , Sanandaj, Iran

- Application of Computer in Accounting, Application of Computer in Physical Education, General Basics, Application of Specialized Software, Advanced Programming C++, Technical Language , Autodesk 3ds Max , Adobe Illustrator

Sep 2017 – Sep 2020

Part-Time

2- Shekofehaye Mehr School, Sanandaj, Iran

- Headmaster and Teacher

Sep2017 – Sep 2019

Part-Time

3- Aram School, Sanandaj, Iran

- School Deputy of Technology and Teacher

Oct 2012 – Aug 2015

Part-Time Lecturer

4- Marz Danesh Educational Institute, Sanandaj, Iran

- TCP-IP, SQL Server, HTML, ICDL

Aug 2012 – Dec 2012

Part-Time Lecturer

5- Training and Vocational Qualification Center for power & water industry, Sanandaj, Iran

- ICDL

Sep 2012 – Mar 2013

Part-Time Lecturer

6- Academic Center for Education, Culture and Research of Sanandaj, Iran

- Robotic for Kids, ICDL

May 2012 – Aug 2015

Part-Time Lecturer

7- Ofogh Educational Institute, Sanandaj, Iran

- ICDL, C++

Sep 2011 – Sep 2012

Part-Time

8- Sama Schools, Sanandaj, Iran

- Computer Teacher

Aug 2011 – Aug 2012

Part-Time Lecturer

9- Sama University of Sanandaj, Sanandaj, Iran

- Local Computer Networks, Written and Spoken Presentation Methods, Basics of the Internet, Basics of Visual Basic Programming

Oct 2008 – Jun 2009
Part-Time Lecturer

10- Technical & Vocational Training Organization of Kurdistan, Iran

- Question Designer and Practical Examiner in The Field of Information Technology

Oct 2008 – Jun 2009
Part-Time Lecturer

11- Toranj Educational Institute, Sanandaj, Iran

- CIW, Flash Mx, Dreamweaver, Photoshop, E-Citizen, ICDL, HTML

Relevant Work Experiences

Oct 2008 – Present
Part-Time

1- Arya Koshk Gharb Company, Sanandaj, Iran

- Human Resources Manager, Information Technology Manager

Jan 2011 – Sep 2011
Part-Time

2- Kara Control Hoshmand Company, Sanandaj, Iran

- Web Designer

Technical Skills

- Languages: C, C++, Java, CSS, HTML, Python
- Windows & Web Service
- Development Tools: Visual Studio, Arduino IDE, Adobe Dreamweaver, NetBeans
- Microsoft SQL Server
- Flash Mx, Microsoft Office, Adobe Photoshop, Corel Draw, Adobe Illustrator, 3DS Max

Attended Workshops & Webinars

- Introduction to Artificial Intelligence ,Teach Me Roadmap January 2024
- Introduction to Python, DataCamp August 2023
- Artificial intelligence and programming course, Aiolearn Academy, Iran August 2023
- Mastering the most used Python libraries, Sharif University of Technology, Iran May 2023
- Practical training of the Internet of Things, University of Kurdistan, Iran May 2023
- IoT Platform Practical Course, Training Course, Iran Internet of Things Center, Iran August 2022
- Smart Home, Online Training Course, National Union of Robotics and Mechatronics Scientific Associations, Iran August 2021
- Business of IoT, Webinar, Scientific Association of Computer of Shahid Beheshti University, Iran August 2021
- Python workshop with an Approach to Engineering Computing and Data Science, Scientific Association of Computer of Shahid Beheshti University, Iran May 2021
- Computer Networks (CCNA), Training Course, MARZ-e-DANESH Educational Institute, Sanandaj February 2013

Publication

S. Yousefinejad, A. Ghaderzadeh, "Improving the Efficiency of Self-Organizing Networks the Internet of Things", CIVILICA 1st International Conference on Science, Engineering, Technology and Tech Businesses in the New Age, on May 20th 2019 University of Shahid Beheshti, Tehran, Iran

Languages

- English (Advanced)
- Kurdish (Native)
- Persian (Fluent)
- French (Familiar)
- Arabic (Familiar)

Honors & Awards

- Ranked 1st GPA among the graduate students of Software Engineering at the Faculty of Tech and Engineering, Azad University of Sanandaj, Iran Jan 2019
- Member of young researcher and elite club Islamic Azad University, Iran Jun 2019
- Member of Computer Society of Iran Nov 2021
- Presenting a seminar on effective planning and time management solutions, Technical and Vocational University Sanandaj ,Iran Dec 2023
- Presenting a seminar on the importance of learning English and effective solutions to strengthen the four skills , Technical and Vocational University , Sanandaj ,Iran Dec 2023

Volunteer Works

- Supporter of orphans at Hamyaran Hekmat Abidar charity (NGO), Sanandaj, Iran Aug 2020-present
- Member of the parent-teacher association at Jam-e-Jam elementary school, Sanandaj, Iran Sep 2021-Sep2022
- Member of the parent-teacher association at Aburaihan high school, Sanandaj, Iran Sep2023-Present