

Seyed Mersad Esmailikarchaei

Curriculum Vitae

CONTACT

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EDUCATION

- **M.Sc. in Software Engineering (2020 – 2023)**
Shahrood University of Technology, Semnan, Iran
GPA: 3.77 / 4.00 (17.14 / 20.00)
Thesis Topic: A New Node Cluster-based Technique for Efficient Data Transfer in IOT Network
Supervisor: Dr. Hossein Morshedlou
- **B.Sc. in Information Technology (IT) (2015 – 2019)**
Islamic Azad University, Sari Branch, Mazandaran, Iran
GPA: 3.11 / 4.00 (15.58 / 20.00)
Final Project Topic: Block Chain Usage in Industry
Supervisor: Dr. Alireza Ghonoodi

RESEARCH INTERESTS

- Security and Forensics
- Blockchain and Crypto
- AI
- Social Networks
- Data Science
- IOT and Machine Learning

SELECTED COURSES

- | | |
|--|---------|
| ▪ Data Analysis | 16.7/20 |
| ▪ Advanced Data Recovery | 19/20 |
| ▪ Advanced Database | 17.5/20 |
| ▪ Data Structure | 19/20 |
| ▪ Algorithms Design | 19/20 |
| ▪ Computer Networks | 18.5/20 |
| ▪ Theory of Automata and Languages | 20/20 |
| ▪ Principles of Technology Management and Strategic Planning | 20/20 |

C O N F E R E N C E S

- Participation in Aspect-oriented Programming, Shahrood University of Technology, Semnan, Iran (December 2022)
- Participation in Object Pool Explanation, Shahrood University of Technology, Semnan, Iran (April 2022)
- Participation in Movie Recommender System Explanation, Shahrood University of Technology, Semnan, Iran (March 2020)

A C A D E M I C P R O J E C T S

- How my custom Chat-GPT with custom knowledge, Betterprogramming.pub, 2023
- How to Integrate ChatGPT with Voice to Text with Python, Betterprogramming.pub, 2023
- Create Stock Sentiment Analysis in Python using ChatGPT, Adnansiddiqi.me, 2023
- Develop a Blackjack game based on Python, 2022
- K-Nearest Neighbors in Python for "Data Analysis" course, 2020
- Decision Trees in Python for "Algorithms Design" course, 2018
- Coding Binary Search Algorithm in Python for "Algorithms Design" course, 2018
- Huffman Coding in Python for "Algorithms Design" course, 2018
- Cesium Encoder/Decoder in Python for "Fundamentals of Secure Computing" course, 2017
- Hangman game coding in C++ for "Fundamentals of Computer and Programming" course, 2015
- BMI Calculator in Java for "Advanced Programming" course, 2015
- Simple Calculator in C++ for "Fundamentals of Computer and Programming" course, 2015

O N L I N E C O U R S E S

- Python and Statistics for Financial Analysis, The Hong Kong University of Science and Technology (2023)
- CS50, Harvard University (2023)
- Digital Footprint, The University of Edinburgh (2023)
- Ethical Hacking Essentials (EHE), EC-Council (2023)
- Foundations of User Experience (UX) Design, Google (2023)
- The Fundamentals of Digital Marketing, Google Digital Garage (2023)

T E S T S C O R E S

- IELTS: Will be taken in September
- GRE: Will be taken in November

S K I L L S

- EHE
- Digital Footprint
- Technical Financial Analysis
- MS Operating System Support Technician Standard
- UX

P r o g r a m m i n g L a n g u a g e

- Python
- C++
- Java

A p p l i e d S o f t w a r e

- Adobe Photoshop
- Microsoft Office

H O B B I E S

- Swimming
- Jogging

R E F E R E N C E S

- Dr. x (x Professor)
Department of x, Iran
E-mail: x
- Dr. x (x Professor)
Department of x, Iran
E-mail: x
- Dr. x (x professor)
Department of x, Iran
E-mail:x