Mahtab Farrokh

Undergraduate Software Engineering

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Iran

Interests

Big Data and Neural Networks, Internet of Things

Education

2015 - 2019, B.Sc. in Computer Software Engineering

AmirKabir University of Technology (Tehran Polytechnic), Tehran, Iran
GPA(up to now): 17.77/20 Total Passed Credits: 86

2008 - 2015, Diploma in Physics and Mathematics Discipline

Farzanegan 1,Tehran, Iran (NODET) Attended Iran National Olympiad in Computer Focused on Combinatorics , graph theory and c++ Programming. GPA: 19.36/20

Honors and Awards

- Ranked top 0.4 % among more than 180,000 students participated in the nationwide entrance examination of undergraduate studies in Iranian universities (2015)

- Semi-finalist at National Mathematics Olympiad (March 2013)

- accepted for 2nd level of Kharazmi awards assessments(2011)

- Member of National Organization for Development of Exceptional Talents (NODET)(2007-2014)

Teaching Experience

- Teacher Assistant, Introduction to Programming, Amirkabir University of technology, Under Supervision of Prof.Bakhshi (Fall-2016)

- Teaching, Introduction to Python, Amirkabir University of technology, (Summer-2017)

- Teacher Assistant, Logic Circuits, Amirkabir University of technology, Under Supervision of Prof.Sedighi, Prof.Sabaei and Prof.Saheb zamani(Fall-2017)

- Teacher Assistant, Data Structure & Algorithms, Amirkabir University of technology, Under Supervision of Prof.Dehghan(Fall-2017)

- Teacher Assistant, Engineering Statistics, Amirkabir University of technology, Under Supervision of Prof.AmirHaeri(Spring-2018)

Skills

Programming
- Python 3
- VHDL
- C and C++
- Java
- Verilog

Web and DB Technologies
- MySQL
- Node.js(Familiar)
- mongoDb
- HTML(Familiar)

Typesetting
- LaTeX
- Vim
- Microsoft Word

Others
- Docker (Familiar)
- Qt
- modelsim
- Pycharm
- Matlab and Octave

Online courses

- Machine Learning by Stanford University Prof.Andrew Ng

- Programming for Everybody (Getting Started with Python) by University of Michigan Prof.Charles Severance

Extra-Curricular Activities

- Elected as member of Students Scientific Chapter(SSC), CEIT Department, Amirkabir University of Technology- 2017

- Member of Execution Committee, 9th and 8th National AUT Linux Festival - Spring 2017 and 2016

- Member of Execution Committee, 17nd and 16nd International AUT ACM ICPC - Fall 2017 and 2016

- Member of Execution Committee, 1st Data Mining Cup - Fall 2017

References

- Professor Maryam Amirhaeri , Assistant professor
  Computer Engineering and IT Department, Amirkabir University of Technology
  Email: haeri@aut.ac.ir

- Professor Bahador Bakhshi, Assistant Professor
  Computer Engineering and IT Department, Amirkabir University of Technology
  Email: bbakhshi@aut.ac.ir

- Professor Masoud Sabaei , Associate professor
  Computer Engineering and IT Department, Amirkabir University of Technology
  Email: sabaei@aut.ac.ir