Saeedeh Moghimi

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FIELDS OF INTEREST

Computer Networks, Cloud Computing, SDN
Data Science, Machine Learning
Internet of Things

EDUCATION

B.Sc. in Software Engineering   2014-2018
Faculty of Engineering & Technology - Computer Engineering Department   Tehran/Iran
Alzahra University of Tehran

- Overall GPA: **17.98/20 (3.7/4)**

- Last year GPA: **18.94/20.00 (4/4)**

- Selected Related Courses:

    - Computer Network : **18.5 / 20.0**
    - Computer Networks Lab : **19.25 / 20.0**
    - Internet Engineering: **20/20**
    - Operating Systems Lab : **20/20**
    - Artificial Intelligence : **18.57/20**

Aboureyhan Highschool   2009-2013
Diploma in Mathematics and Physics   Tehran/Iran

- Overall GPA: **19.51/20.00**

HONORS & AWARDS

- **Ranked** 2nd among all peers   2014-2018
  Software Engineering Department, Alzahra University of Tehran

- Ranked in **top %25** of contestants in the Gauss Mathematics Contest of **University of Waterloo**   2009

- **Ranked** 2nd in Spaghetti Code Contest at **Sharif University**   2016

- 1st **Team Rank** in Green Startup Weekend of Tehran as **Android Developer**   2015

- **Top %0.9** in Iranian National University Entrance Exam   2014

EXPERIENCE

Research Experience:

- **Research Assistant in Router Lab**
  CE Faculty, University of Tehran - Supervisor: Dr. Naser Yazdani   May 2019–present
  Subjects: Wireless Network, Internet of Things, Internet of Vehicles, VANET

- **Research Assistant in Operating System Security Lab (OSSL)**
  CE Department, Alzahra University of Tehran - Supervisor: Dr. Reza Azmi   Sept 2018–Mar 2019
  Subjects: Cloud Computing, Saas, OpenStack

- **Research Assistant in OS Development and Evaluation Lab**
  CE Department, Alzahra University of Tehran - Supervisor: Dr. Reza Azmi   Jan 2017–Mar 2017
  Subject: Red Hat Process Automation Manager (JBOSS - BPMS)

Teaching Experience:

- **Teaching Assistant for Advanced Programming (Java) Course**
  Dr. Sharghi, CE Department, Alzahra University of Tehran   Jan 2017–Jun 2017

- **Teaching Assistant for Microprocessor and Assembly Programming Course**
  Dr. Sabeti, CE Department, Alzahra University of Tehran   Oct 2017-Jan 2018

Industrial Experience:

- *Internship* **at Noyan Abr Arvan Co (Arvan Cloud)**
  Worked on Network area   Jul 2017–Jan 2018

- **Unity Developer at BlazingfallGames Team**
  By C# language   Oct 2016-Jan 2017

- **Android Developer at Trigup Accelerator**
  Worked with Google Map and GPS in Android Studio IDE   Apr 2016-Sept 2016

- **Android Developer at BillPar Startup**
  Worked on NFC In Android Studio IDE   Nov 2015-Apr 2016

TECHNICAL SKILLS

Operating Systems: Linux (LPIC-1: System Administrator & LPIC-2: Linux Engineer), Windows, Android

Languages: Python, Shell Scripting, Java and JavaFx, Android Programming, Familiar with C# and C

Network Courses: Network+, CCNA Route & Switch (Cisco), CCNP Route (Cisco), CCNP Switch (Cisco)

Network Software: Cisco Packet Tracer, GNS3

Cloud & Virtualization: OpenStack, Docker, VMWare Workstation & ESXI

Monitoring Software: ELK(ElasticSearch ,Logstash , Kibana), Zabbix

Version Control Systems: Git

Management Methodology and Tools: Scrum/Agile Software Development, Jira, Trello

Database Systems: MSSQL Server

Web Servers: Nginx, Apaches

Web Developing: HTML, CSS, Sass, JavaScript, Django

Type settings: LaTeX, MS Word, MS PowerPoint & MS Excel

NOTABLE PROJECTS

Developed a Fully Trackerless BitTorrent by Python, on Software Project (fall 2018)
Developed a Key logger using Python, on Internet Engineering Course (Winter 2018)
Developed a HTTP Server using Python, On Computer Network Course (Fall 2017)
Developed the N-queens Problem using Java, on Artificial Intelligence Course (Winter 2017)

Designed a Database for Football Matches in MSSQL, on Database Course (Winter 2017)
Developed a Lexical Analyzer using Java, on Fundamentals of Compiler Design Course (Winter 2016)
Developed Snakes&Ladder using MATLAB, on MATLAB Programming Course (Winter 2016)
Developed a Media player using Java & JavaFX, On Advanced Programming Course (Winter 2015)

LANGUAGE SKILLS

- **Persian**: Native

- **English**: Fluent
  IELTS - Overall 7

- **French**: Beginner (A1)

HOBBIES AND OTHER INTERESTS

Volleyball, Swimming, Hiking
Pop & Rock music
Guitar, Painting, Reading