Curriculum Vitae/Resume

Mohsen Ansari

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Research interests

- Computer networks
- Peer-to-peer networks
- Ad hoc networks
- Wireless communication
- Web based services and applications
- Data mining
- Augmented reality in smartphones

Education

University entrance national exam (a.k.a konkoor)

Top 2% (top 1000 between 50 thousand students) – Qualified for Amirkabir university of technology

TOEFL

Reading: 22, Listening: 27, Speaking: 27, Writing: 28 – Total: 104

B.Sc.

Information technology: Amirkabir University of Technology (Tehran-polytechnic) 3rd best University in Iran.

GPA: Last two years (last 4 semesters) 16.0/20

Optional courses: Data mining – Computer assembly programming – Information & Communication Security

Diploma

Mathematics and Physics. Imam Sadeq High School, Tehran, Iran

GPA: 17.18 / 20

Research Experience

- [Livestreaming on anonymous peer to peer networks](#). (Plus scientific [poster](#))
- [virtual reality & augmented reality applications for smartphones](#) (internship)
- [Arithmetic operations and methods](#) (gate level) used in central processing units. (computer Architecture course)
- [An introduction to RavenDB](#) and how to connect it to programming languages (Database course)

Teaching Experience

Teacher assistant in Data Structures and algorithms - [Dr. Dehghan](#)

Teacher assistant in Computer programming – [Dr. Shiry](#)

Pre-university students' mentor at [Kanoon](#)

Working Experience

Web Designer in [G8 software group](#): Responsible for communication with customers, design web pages and implementation. 2011-2012

Site Administrator of [Computer & IT department](#) in [Amirkabir University](#): Responsible for maintenance and support of 80 computer systems 20 labs and a server. Summer 2012-spring 2013

Web developer in [Institute for research in fundamental sciences (IPM)](#) spring 2013

Projects

- Routing in 5x5 block gate level logic design plus Verilog code. –logic design
- Implementing DES encryption algorithm in Assembly language. - assembly
- Implementing project management system in J2EE – internet engineering
- OCR + cloud connection in android system augmented reality application-internship
- Analyzing and managing projects with MS-Project – IT project management
- Design and simulation a 16 instruction CPU (gate level) – computer architecture
- Design and implementation of a library book management system (ER, MySQL, Report) - database

- Creating business plan and cost prediction analysis of a flight agency - ecommerce

Awards & Honors

Competitions:

5th place in AUT national programming contest (Qualified for ACM-ICPC Regional programming contest west Asia site). Fall-2012

4th place in Guilan University National programming contest. Spring-2012

Top 8 teams in Sharif University JAVA challenge contest. Fall-2011

Festivals:

5th AUT Linux Festival and Workshop. (Executive team) 2013

1st AUT AI contest in JAVA. (Executive team) 2013

1st National Cloud computing. (Executive team) 2012

1st National high school students programming contest. (Judge) 2013

Presentations

- Live streaming on anonymous p2p networks. (presentation method course)
- Internet hosting and domain name servers.(Technical English course)
- Computer malwares and antivirus sandbox method. (Computer lab course)
- What is 6sigma and how it can be implemented. (Principals of management course)
- A complete survey on Virtual reality and augmented reality on smartphones

Technical Skills

- **Programming languages**   **expert**
  Java, C/C++
- **Front-end Design**   **expert**
  xhtml, html5, css, javascritp, jquery, xml, xslt

- **Back-end Development**   **skilled**
  PHP, J2EE
- **Databases**   **skilled**
  MySQL, MongoDB, Raven DB
- **Tools / Software**   **skilled**
  Wordpress, Joomla, Drupal, MSP, Weka, Eclipse
- **Operating Systems**   **skilled**
  Microsoft windows, Linux(Ubuntu, OpenSUSE, Fedora)
- **Other App Developments**   **familiar**
  Android app development, Ubuntu app development

Spoken Languages

Persian (Native), English (expert), Turkish (reading, writing and listening), Arabic (familiar)

Hobbies & Interests

Sports (Soccer, Volleyball and Basketball)

-2nd place in regional volleyball competitions of Tehran high schools

- member of Amirkabir university official soccer team

Writing poems and essays – mohsenansari.ir/blog

Drawing doodles

Reading novels