

# Parham Alvani

## PRESENT ADDRESS

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## CONTACT INFORMATION

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## RESEARCH INTERESTS

- Internet of Things
- Software Defined Networking
- Computer Networking
- Kernel Hacking
- Graph Theory
- Mathematical Analysis

## EDUCATION

### Middle School

Allameh Helli Middle School  
Tehran, Iran  
GPA: 20/20

### High School

Energy Atomic High School  
Tehran, Iran  
Mathematics & Physics Diploma  
GPA: 19.45/20

### B.Sc. In Computer Engineering

Amirkabir University of Technology  
Tehran, Iran  
B.Sc. in Software Engineering  
GPA: 19.31/20 (54 Unit)

## TEACHING EXPERIENCES

- Teaching Assistant , Introduction To Programming , *Fall 2014*
- Teaching Assistant , Advance Programming , *Spring 2015*
- Teaching Assistant, Discrete Mathematics , *Spring 2015*

## ACHIEVEMENTS/CERTIFICATIONS

- CompTIA Network+
- Supporting Windows 8.1(70-688)
- Installing and Configuring Windows Server 2012(70-410)
- Administering Windows Server 2012(70-411)
- Configuring Advanced Windows Server 2012 Services(70-412)
- Designing and Implementing a Server Infrastructure(70-413)
- Implementing an Advanced Server Infrastructure(70-414)
- LPIC-1(101-102)
- LPIC-2(201-202)
- Cisco CCENT

## COMPUTER SKILLS

- C/C++ Programming:
  1. CGI Programming
  2. Socket Programming
  3. System Programming
  4. GTK Programming
- Python Programming:
  1. Socket Programming
  2. System Programming
- Assembly(NASM & GAS Syntax):
  1. AMD64 Arch with ELF64 ABI
  2. 8086 Arch
- HDL:
  1. Verilog HDL
  2. VHDL
- Web:
  1. XHTML
  2. CSS2.1
  3. JavaScript
  4. PHP
- Java Tech:
  1. Maven
  2. Log4j
  3. JSON
  4. JPA(Java Persistence API)
  5. Hibernate
  6. JSP
  7. JSF
- Software:
  1. Wireshark
  2. Nmap
  3. Eclipse IDE
  4. OllyDbg
  5. GDB
  6. Radare2
  7. Valgrind
  8. Git
  9. ModelSim
  10. Proteus
  11. Altera Quartus
- Database Management Systems:
  1. PostgreSQL

2. MySQL

- Typesetting:

1. L<sup>A</sup>T<sub>E</sub>X

2. Vim

## **PROGRAMMING PROJECT**

All my projects are available at my Github [my Github](#)