

# Mohammad Ali Arabyazdi

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## EDUCATION

- **Amirkabir University of Technology** (Tehran Polytechnic), Tehran, Iran  
B.Sc., Computer Engineering, Software  
*September 2015 - Present*  
GPA: **3** / 4
- **Adab High School**, Tehran, Iran  
Diploma in Mathematics and Physics  
*September 2011 - June 2015*  
GPA: High School **3.9** / 4

## TECHNICAL SKILLS

- **Programming Languages:**  
Java, C/C++, Python, Shell Scripting, Assembly
- **Database Systems:**  
Windows, Linux (Ubuntu)
- **Operating System:**  
MySQL, SQL Server
- **Web Development:**  
HTML (XHTML and HTML 5), CSS, JavaScript, Django, PHP, Symfony, jQuery
- **Other:**  
Android Programming, Microcontroller Programming, Proteus, Cisco Packet Tracer, NMap, VHDL, Verilog

## TOP ACADEMIC COURSE PROJECTS

- **Internet Engineering**, *php, symfony, xampp*  
*SMS-Manager: An api platform to send and manage SMS*
- **Computer Networks**, *Python*  
*DNS-UDP-TCP-Proxy: A python proxy that receive HTTP packets on UDP then sends them on TCP with DNS server*
- **Information & Communication Security**, *Python*  
*My-Security-Course: Course project using MD5, SHA256, DES encryption and work with cryptool software nmap and using ms08\_067 exploit and make trojan*
- **Microprocessor & Assembly Language**, *C, Proteus*  
*Digital-Watch-with-LCD: A digital watch with lcd and alarm using microcontroller ATMEGA16*
- **Theory of Machines and Languages**, *Java*  
*Simplifying-CFG: Course project to simplifying context free grammar*
- **Computer Architecture**, *VHDL*  
*Basic-Computer: Design and implementation of a small modular processor*
- **Data Structure & Algorithms**, *Java*  
*Finite-State-Machine: Course project using 4 type of data structure: AVL tree, balance TST, trie tree and hash*
- **Advanced Computer Programming**, *Java*  
*Planet-vs-Zombies: An OOP game*