علایق

حرفه‌ای:
- اینترنت اشیا
- شبکه‌های نرم افزار بنیان
- مجازی سازی توابع شبکه
- Kernel Hacking
- تئوری گراف
- آنالیز ریاضی

شخصی:
- شطرنج
- دویدن

تحص‌یلات

۱۳۹۶-۱۳۹۲   **کارشناسی,** مهندسی کامپیوتر
معدل کل: ۱۹.۱۸ از ۲۰ (۸۷ واحد)

۱۳۹۲-۱۳۸۸   **دبیرستان,** دیپلم ریاضی و فیزیک
معدل کل: ۱۹.۴۵ از ۲۰

جوایز و افتخارات

ارتباط

دانشگاه امیرکبیر
خیابان حافظ
تهران، ایران
-
+98 (939) 090 9540
+98 (21) 8802 13311
-
parham.alvani@gmail.com
parham.alvani@aut.ac.ir
http://1995parham.github.io

زبان‌ها

فارسی:
زبان مادری
انگلیسی:
تسلط محدود برای کار

برنامه‌نویسی

♥ C, Go
Python3, PHP
AMD64 Assembly,
AVR Assembly,
Java SE, Java EE
CSS3 & HTML5
NodeJs, JS

دانشگاه صنعتی امیرکبیر

دبیرستان انرژی اتمی

پروژه‌ها

Github

آخرین به روز رسانی

24 فروردین 1395

1394	فرصت انتخاب **رشته دوم** به خاطر آمادگی

بهار ۱۳۹۴	Awarded as an Outstanding Student by the head of Computer Engineering and Information Technology department, AmirKabir University of Technology
بهار ۱۳۹۴	Achieved **3rd** Place in 1st National Digital Design Contest of Iran CoDesign League as a Member of Polytechnic team
پاییز ۱۳۹۳	Achieved **3rd** Place in 14th Amirkabir ACM International Collegiate Programming Contest (ICPC) as a Member of 703 team
پاییز ۱۳۹۳	Participated in 39th Asia Regional ACM International Collegiate Programming Contest (ICPC) in Sharif University of Technology as a Member of 703 team
۱۳۹۲	Ranked in 0.2% among more than $251,956$ participators in Nation-wide University Entrance Exam among all Iranian Students of Math. & Physics
۱۳۹۰	**Semi-finalist** at National Mathematics and Computer Olympiads
۱۳۸۹	**Semi-finalist** at National Mathematics and Computer Olympiads
۱۳۸۸	**Semi-finalist** at National Mathematics and Computer Olympiads
۱۳۸۸	Achieved **Merit Award** in the International Mathematics Competition (IMC) Icheon, South Korea
۱۳۸۵-۱۳۸۸	Member of National Organization for Development of Exceptional Talents (NODET)

تجربیات تحقیقاتی

2015-present **Department-wide platform for IoT and building management systems** under
supervision of Prof.Bakhshi, Department of Computer Engineering and Information Technology,
Amirkabir University of Technology, Tehran, Iran.
Research on different operating systems, frameworks and protocol stacks
in IoT

مهارت‌ها

Languages Programming Functional ●
Haskell Lisp, SML,

Languages Definition Hardware ●
Spice VHDL, HDL, Verilog

Protocols and Tools Networking ●
Packet Cisco Wireshark, GNS3, Mininet, Ryu, FloodLight, Platform, ONOS
OpenFlow1.3 Tracer,

Typesetting ●
Vim Pages, LibreOffice, Word, Microsoft ,LATEX

Simulators Hardware ●
II Quartus Proteus, H-Spice, P-Spice, Suite, Design Vivado Xilinx

Systems Management DB ●
MongoDB PostgreSQL, MySQL,

Systems Operating ●
2012 Server Windows Windows, X, OS CentOS, Server, Ubuntu Ubuntu,

Other ●
Matlab Octave, Eclipse, IntelliJ, Netbeans,

Framework Programming ●
Frameworks C
Programming CGI •
Programming Socket BSD •
Programming System UNIX •
GTK •
Gnome •
Frameworks Java
Maven •
Log4j •
API) Persistence JPA(Java •
Hibernate •
JSP •
JSF •

تجربيات تدريس

Assistant Teaching	**Programming and Computer of Principles**	2014 Fall
Bakhshi. Prof. of Supervision Under technology, of University Amirkabir		
Assistant Teaching	**Programming Advance**	2015 Spring
Noorhos- Prof. of Supervision Under technology, of University Amirkabir seini.		
Assistant Teaching	**Mathematics Discrete**	2015 Spring
Fallah. Prof. of Supervision Under technology, of University Amirkabir		
Instructor	**Programming Python to Introduction**	2015 Spring
Workshop Python Festival, Linux Amirkabir 7th		
Assistant Teaching	**Programming and Computer of Principles**	2015 Fall
Bakhshi. Prof. of Supervision Under technology, of University Amirkabir		
Assistant Teaching	**Programming Advance**	2016 Spring
Noorhos- Prof. of Supervision Under technology, of University Amirkabir seini.		
Assistant Teaching	**Design Database of Principles**	2016 Spring
Momtazi. Prof. of Supervision Under technology, of University Amirkabir		
Assistant Teaching	**I Microprocessor**	2016 Spring
Homayoun- Prof. of Supervision Under technology, of University Amirkabir pour.		
Assistant Teaching	**Probability and Statistics Engineering**	2016 Spring
Haeri. Amir Prof. of Supervision Under technology, of University Amirkabir		

درس‌های ارشد

پروفسور خرسندی	**شبکه‌های کامپیوتری پیشرفته**	پاییز ۱۳۹۴

مدارک

- 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