

# پرهام الوانی

دانشجوی مهندسی نرم افزار

## ارتباط

دانشگاه امیرکبیر  
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## زبانها

فارسی:  
زبان مادری  
انگلیسی:  
تسلط محدود برای کار

## پروژه‌ها

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

پروژه‌ها  
Github

آخرین به روز  
رسانی  
23 فروردین 1395

دانشگاه صنعتی امیرکبیر  
دبیرستان انرژی اتمی

## علاقه‌ای

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

|   |            |
|---|------------|
| فرصت انتخاب رشته دوم به خاطر آمادگی   | 1394       |
| Engi- Computer of head the by Student Outstanding an as Awarded of University AmirKabir department, Technology Information and neering Technology       | بهار ۱۳۹۴  |
| CoDesign Iran of Contest Design Digital National 1st in Place 3rd Achieved team Polytechnic of Member a as League                                       | بهار ۱۳۹۴  |
| Pro- Collegiate International ACM Amirkabir 14th in Place 3rd Achieved team 703 of Member a as (ICPC) Contest gramming                                  | پاییز ۱۳۹۳ |
| Program- Collegiate International ACM Regional Asia 39th in Participated of Member a as Technology of University Sharif in (ICPC) Contest ming team 703 | پاییز ۱۳۹۳ |
| Uni- Nation-wide in participators 251,956 than more among 0.2% in Ranked Physics & Math. of Students Iranian all among Exam Entrance versity            | ۱۳۹۲       |
| Olympiads Computer and Mathematics National at Semi-finalist  | ۱۳۹۰       |
| Olympiads Computer and Mathematics National at Semi-finalist  | ۱۳۸۹       |
| Olympiads Computer and Mathematics National at Semi-finalist  | ۱۳۸۸       |
| (IMC) Competition Mathematics International the in Award Merit Achieved Korea South Icheon,   | ۱۳۸۸       |
| Talents Exceptional of Development for Organization National of Member (NODET)  | ۱۳۸۵-۱۳۸۸  |

## تجربیات تحقیقاتی

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

## مهارت‌ها

|  |   |
|--|---|
| <b>Languages Programming Functional</b>                                | ● |
| Haskell Lisp, SML,   |   |
| <b>Languages Definition Hardware</b>                                   | ● |
| Spice VHDL, HDL, Verilog   |   |
| <b>Protocols and Tools Networking</b>                                  | ● |
| Packet Cisco Wireshark, GNS3, Mininet, Ryu, FloodLight, Platform, ONOS |   |
| OpenFlow1.3 Tracer,  |   |
| <b>Typesetting</b>   | ● |
| Vim Pages, LibreOffice, Word, Microsoft , $\text{\LaTeX}$              |   |
| <b>Simulators Hardware</b>   | ● |
| II Quartus Proteus, H-Spice, P-Spice, Suite, Design Vivado Xilinx      |   |
| <b>Systems Management DB</b>   | ● |
| MongoDB PostgreSQL, MySQL,   |   |
| <b>Systems Operating</b>   | ● |
| 2012 Server Windows Windows, X, OS CentOS, Server, Ubuntu Ubuntu,      |   |
| <b>Other</b>   | ● |
| Matlab Octave, Eclipse, IntelliJ, Netbeans,                            |   |
| <b>Framework Programming</b>   | ● |
| <b>Frameworks C</b>  |   |
| Programming CGI •  |   |
| Programming Socket BSD •   |   |
| Programming System UNIX •  |   |
| GTK •  |   |
| Gnome •  |   |
| <b>Frameworks Java</b>   |   |
| Maven •  |   |
| Log4j •  |   |
| API) Persistence JPA(Java •  |   |
| Hibernate •  |   |
| JSP •  |   |
| JSF •  |   |

تجربیات تدریس

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

## درس‌های ارشد

پروفسور خرسندی

پاییز ۱۳۹۴ شبکه‌های کامپیوتری پیشرفته

## 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