



Mohammad Afkani

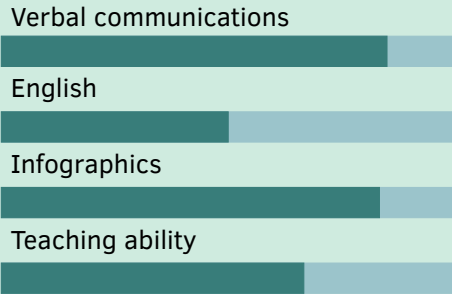
Physics Student

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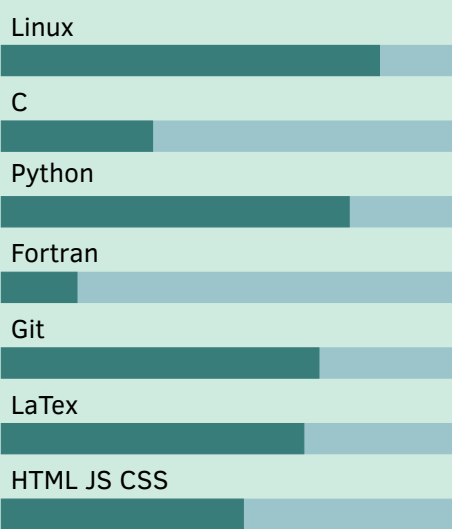
About me

I'm a Physics student interested in laws of the Universe. curiosity made me find answers to questions in the deep nanoworld, the way it affects human being and vice-versa.

Skills



Coding



Interests

Condensed Matter Physics, Nano Physics, Computational Physics, Open-source Projects, Linux, Machine Learning.

Education

2014 Diploma Mathematics and Physics. GPA: 3.89 Dehkhoda High School
Fully Funded Scholarship
2015-Now B.Sc. Solid-State Physics Kharazmi University
Fully Funded Scholarship

Publications

2018 Investigation of the structural, electronic and magnetic properties of silicon carbide monolayer coated with manganese using density function theory.(The Annual Physics Conference Of Iran)
2018 Electronic and optical properties of Penta-BP₅ monolayer.(The 7th International Congress on Nanoscience and Nanotechnology)
2018 Electronic and elastic properties of the full Heusler structure Zr₂RhAl.(14th Conference on Condensed Matter)

Memberships

2018 The Physics society of Iran

Activites

2016 Running [open-source] library management system; Faculty of Physics
2017 Multi computers clustering
2017 Volunteer Librarian; Faculty of Physics
2018 Running online education system; Crystallography courses
2018 Teaching assistant; Analytical Physics course

Experience

2017 Presentation Startup weekend
The first startup weekend in Karaj
2018 Lecture Faculty of Physics
Ubuntu 18.04 LTS release party
2018 Workshop Tehran University
2nd Workshop on Machine Learning in Physics: Applications in Condensed Matter Physics

Transcripts

Analytical Mechanics I:	2	Optics:	4
Analytical Mechanics II:	3	Optics Lab:	4
Basic Physics I:	2	Project (Computational):	4
Basic Physics II:	4	Thermodynamics:	4
Basic Physics III:	1	Quantum Mechanics I:	4
Basic Physics I Lab:	4	Quantum Mechanics I:	4
Basic Physics II Lab:	4		
Crystallography:	4		
Electromagnetism I:	4		
Electromagnetism II:	4		
Introductory AstroPhysics:	3		
Mathematics I:	3		
Mathematics II:	3		
Modern Physics I:	3		
Modern Physics II:	2		
Modern Physics Lab:	4		