



# Mohammad Afkani

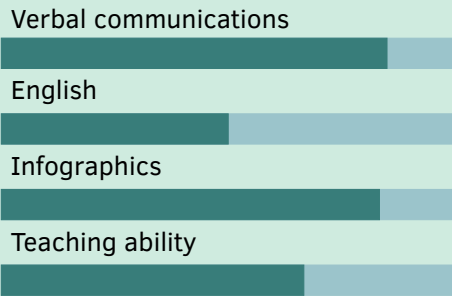
Physics Student

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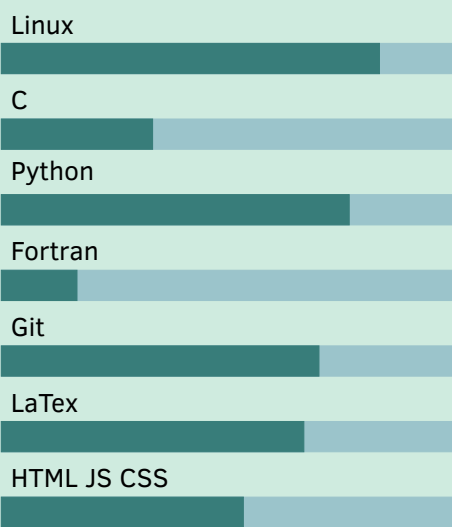
## About me

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-BP <sub>5</sub> monolayer.(The 7th International Congress on Nanoscience and Nanotechnology)
2018	Electronic and elastic properties of the full Heusler structure Zr <sub>2</sub> RhAl.(14th Conference on Condensed Matter)

## Memberships

2018	The Physics society of Iran
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## 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	Presention	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  
Analytical Mechanics II: 3  
Basic Physics I: 2  
Basic Physics II: 4  
Basic Physics III: 1  
Basic Physics I 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  
Quantum Mechanics I: 4