



Mohammad Afkani

Physics Student



9 December 1996



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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

Verbal communications

English

Infographics

Teaching ability

Coding

Linux

C

Python

Quantum-espresso

WIEN2K

LaTeX

HTML JS CSS

Interests

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

Education

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

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 ₅ monolayer.(ICNN)

Activites

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

Experience

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