



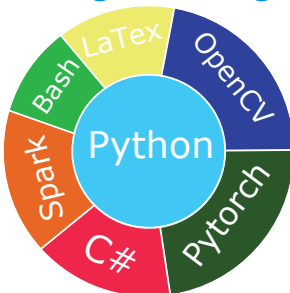
HosseinFeiz

Engineer

Experience

- 01/19 - 02/20 **Data Scientist Internship** [Engineering 365](#)
Big data intern of the advanced analytic department of Engineering Group, mostly working on project NILM (Non Intrusive Load Monitoring), Deep Learning and Transfer Learning.
- 09/17 - 12/18 **Electrical Installation, IoT** [Nano Age](#)
Member of IT department of Nano Age, designing different gadget for buildings and Internet of things also collaborating with other departments for the installation of various electrical equipments.
- 01/16 - 08/17 **Freelance Developer** [Nano Age](#)
Development of python scripts for Data Analysis, Computer technical support. Problem solving related to hardware, software and Operating Systems.
- 12/13 - 09/15 **Electrical machine & Drive designer** [University of Ferdowsi](#)
Analyzing of electrical generator for wind turbines
- 06/11 - 09/13 **Technical Support, IT assistant** [University of Ferdowsi](#)
Computer technical support. Problem solving related to hardware, software and Operating Systems. Management of the internal network.

Programming



Education

- 2020 - Now **PHD Doctorate in Engineering** [University of ETS, Montreal, Canada](#)
Main subjects: Machine Learning, Deep Learning, Computer Vision, Animation.
Title of the Thesis: "Virtual Reality Simulator for Boxing training".
- 2018 - 2020 **Master level II of Big Data in Business** [University of Tor Vergata, Rome, Italy](#)
Main subjects: Machine learning (Supervised and Unsupervised learning), Data management, Security & Privacy, Big Data Architectures, Strategic management.
Title of the Thesis: "Deep learning in NILM".
- 2011 - 2013 **Master of Science in Electrical Engineering** [University of Isfahan, Isfahan](#)
Main subjects: Designing Electrical Machine and Drive
Title of the Thesis: "Designing and analyzing AFPM generator for Wind Turbines".
- 2007 - 2011 **Bachelor of Science in Electrical Engineering** [University of Guilan, Rasht](#)
Main subjects: circuit theory, understanding of three phase systems, transformers, transmission lines and associated modeling and operation of such equipment.
Title of the Thesis: "Speed sensorless vector control of induction motor using Kalman Filter".

Address

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OS Preference

GNU/Linux ★★★★★
MacOS ★★★★★

Personal Skills



Places Lived



Languages

Persian ★★★★★
English ★★★★★
French ★★★☆☆

Education

2005 - 2007 **Scientific Diploma.** [Imam Reza Highschool Mashhad, Iran](#)
Scientific Secondary School.
Main subjects: Mathematics, Physics, Computer Science.

E-Learning

2018-2020 **AWS** [Udemy. E-learning](#)
AWS Certified Cloud Practitioner,
AWS Certified Developer Associate
AWS Certified Solutions Architect Associate

2015-2017 **Linux LPI LPIC Exam 101-102-201-202** [CBT Nuggets. E-learning](#)

2017 **Machine Learning with Python and R In Data Science** [Udemy . E-learning](#)

2017 **Docker Complete Training** [Udemy . E-learning](#)

2016 **Learning Path - Scaling Python for Big Data** [O'Reilly . E-learning](#)

2016 **Scaling Python for Big Data** [O'Reilly . E-learning](#)

2017 **Hadoop Fundamentals for Data Scientists** [O'Reilly . E-learning](#)

2016 **Big Data** [The Teaching Company . E-learning](#)

2015 **Collaborating with Git** [O'Reilly. E-learning](#)

Softwares

2008-2018

Softwares that I worked with in these years:

Docker, Hadoop, Python, R, Composer Studio, MATLAB, Pycharm, Rstudio, \LaTeX , Microsoft Office (Word, Excel, Access, PowerPoint), Sublime, MotorCAD, Flux2D, Agros 2D, Clion, Photoshop, Indesign, AutoCAD, Illustrator.

Other Info

2013-2017

Self-Studies During these years include:
Psychology(Mind-Body Medicine), Mathematic(Chaos theory), Classic American literature .