**Javad Ebadi**

London, UK

[javad.ebadi.1990@gmail.com](mailto:javad.ebadi.1990@gmail.com) <https://javadebadi1990.github.io> <https://github.com/javadebadi> <https://www.linkedin.com/in/javad-ebadi-3629a481/> +98-914-326-1369

**Skills**

Proficient: C++, pandas

Moderate: Python, Git, Bash, Wordpress, Mathematica, numpy, scikit-learn, tensorflow

Familiar: SQL, Java (Android), HTML, CSS, MATLAB

**Projects**

**Build an Education and Research Website** <https://www.datacademia.com>

* Created a website using Wordpress and a course platform using plugins
* Created videos and wrote lecture notes in data science with Spreadsheet
* Created social media channels and pages for the website
* Regularly posted news and research material on the website

**Work Experience**

Institute for Research in Fundamental Sciences (IPM), Tehran, Iran Aug. 2016 - Mar. 2020

* Developed C++ codes to analyze CMS data to test new physics hypotheses. Wrote an object oriented code to construct physical objects from data and fully analyzed a dataset with 6.5 M records (21 GB) in about 4 minutes.
* Wrote documentation of code and preprint of papers
* Created videos for new students in the Lab
* Published 4 papers ( 3 PRD, 1 CERN Report) in collaboration with five colleagues
* Presented results in national and international conferences and workshops

**Education**

|  |  |
| --- | --- |
| Business Analytics Nanodegree at Udacity | Mar. 2020 - May. 2020 |
| Ph.D in particle physics, Institute for Research in Fundamental Sciences (IPM), Tehran, Iran | Sep. 2015 - Mar. 2020 |
| M.Sc. in gravity and cosmology, Sharif University of Technology, Tehran, Iran | Sep. 2013 - Sep. 2015 |
| B.S. in physics, Amirkabir University of Technology, Tehran, Iran | Sep. 2008 - Jun. 2013 |