

Iman Adeli

Summary

Python developer with 3+ years of experience in developing and deploying web applications. Proven ability to use Python, FastAPI, Celery and Docker to build scalable and reliable web applications. Familiar with machine learning concepts and techniques.

Skills

Python, R, Pandas, Numpy, Matplotlib, Scikit-learn, Web Scraping
FastAPI, Flask, Django, SQL, Git, Docker, Linux, Celery

Ability to apply mathematical concepts, Linear Algebra, Optimization algorithms, Statistical Methods

Familiar with trading, algo trading, and cryptocurrency.

Experience

2016-current **Mathematics teacher**, Iran-Karaj.

2012-current **Freelancer**, *Python Programming, Developing Trading Bot (Crypto-Forex-Tehran Stock Exchange)*.

Projects

Copy Trade Web application developed by FastAPI (user login using OAuth2, JWT token).

Trader Bot Built a trading bot using Flask and Python that trades cryptocurrency.

Education

2010 – 2012 **M.S. in Applied Mathematics(Numerical Analysis)**.

University of Shahid Bahonar, Kerman, Iran.

Master Thesis

Title Nonnegative Inverse Eigenvalue Problem, 19.25/20

Supervisors Professor Mahmoud Mohseni Moghadam, mohseni@uk.ac.ir, (google scholar link)

Publications

- Spline collocation method of lines for solution of linear and nonlinear parabolic and hyperbolic differential equations with nonlocal boundary conditions. (submitted)
- I. Adeli, M. Taheri, M.M. Moghadam, A recursive method for constructing doubly stochastic matrices and inverse eigenvalue problem, Linear Algebra and its Application. 537 (2018) 318–331. (link)
- I. Adeli, M. Taheri, On the Doubly Stochastic Inverse Eigenvalue Problem, 48 th annual iranian mathematics conference Bu-Ali Sina university, August 22-25, 2017, Hamedan, Iran. (link)