

Armin Dashti

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Experience

Software Engineer & ML Engineer, HiWEB & ParsOnline – Tehran, Iran Jul 2023 – Sep 2024

- Developed a road violation registration system to monitor traffic and detect speeding violations.
- Built a vehicle classification system achieving 95% accuracy for Iranian, Chinese, and EU vehicles using Python and PyTorch.
- Designed a color-based vehicle classification system with 90% accuracy.
- Managed SQL databases, optimizing queries for real-time data processing.
- Trained 4 interns in Python, AI techniques, and software development best practices.

Software Engineer & ML Engineer, Fwutech – Tehran, Iran Jul 2022 – Mar 2023

- Developed predictive models for voice call and internet traffic forecasting, improving resource allocation for the Telecommunication Infrastructure Company.
- Implemented a face recognition system to enhance security and automate attendance tracking using Python and Huggingface.
- Integrated data processing pipelines with SQL databases for efficient data handling.

Technologies

Backend Development: C#, ASP.NET Core, EF Core, RESTful APIs, Redis, RabbitMQ

Database & DevOps: SQL (MS SQL Server), Docker, Git

Architecture & Design Patter: Clean Architecture, CQRS pattern, SOLID, ...

AI & Data Science: Python, PyTorch, Scikit-Learn, Pandas, NumPy Computer Vision, RL, LLMs, Data Visualization (Seaborn, Matplotlib)

Education

Bachelor's Degree in Information Technology, Islamic Azad University 2013 – 2018