Ashkan Pirmani

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EDUCATION

KU Leuven   **12 2021 – Ongoing**
*PhD in **Engineering Science***   *Leuven, Belgium*
under supervision of Prof.Yves Moreau, Prof.Niels Hellings *and* Prof.Liesbet M. Peeters

KU Leuven   **01 2020 – 11 2020**
*Predoctoral - **Engineering Science***   *Leuven, Belgium*
with Prof.Yves Moreau

Universiteit Hasselt   **09 2019 – Ongoing**
*PhD in **Biomedical Science***   *Hasselt, Belgium*
under supervision of Prof.Yves Moreau, Prof.Niels Hellings *and* Prof.Liesbet M. Peeters

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Applied Artificial Intelligence
- Big Data
- MLOps
- System Design
- UI/UX Design

PROJECTS

Global Data Sharing Initiative ⤢ | MS DATA ALLIANCE   **06 2022**
- Lead Architecture: **Scaling-up in COVID-19 data collection efforts** .
- COVID-19 in people with multiple sclerosis: A global data sharing initiative
- Associations of Disease-Modifying Therapies With COVID-19 Severity in Multiple Sclerosis

Project ATHENA ⤢ | ESAT-STADIUS   **Ongoing**
- Data Scientist: **Personalized medicine**.
- Augmenting Therapeutic Effectiveness through Novel Analytics : Machine learning

Work Experience

Iranian Research Institute for Information Science and Technology ⤢   **01 2017 – 03 2019**
Research Assistant   *Tehran, Iran*
- The decision support systems lab aims at carrying out applied research and development in line with the application of information technology, relying on the knowledge of information systems, data mining, intelligence analysis, artificial intelligence, and software engineering. in this laboratory, decision support systems at different levels consist of macro and national levels, organizational and managerial levels, as well as individual applications.

TECHNICAL SKILLS

Languages: Python, C#, SQL, R, Matlab, HTML5
Developer Tools: VS Code, Visual Studio
Technologies/Frameworks: Linux, Scikit-Learn, PyTorch, Federated Infrastructures, Containerization

CERTIFICATIONS

- Oxford ML School Health/Finance - AI for Global Goals
- Java Programming and Software Engineering - Coursera
- Advanced ASP.NET Core 3.1 MVC - Udemy
- Kubernetes for the Absolute Beginners - Hands-on - Udemy
- Django with Data Science - Udemy
- Professional Quality Engineering - IADL
- The basics of 6 sigma and the general yellow belt of the 6 sigma - IADL
- Six Sigma Green belt - IADL
- Deep Learning in Python - DataCamp
- Federated Learning - Udemy