

# ASHKAN PIRMANI

Leuven, Belgium

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## EDUCATION

KU Leuven

12 2021 – Ongoing

PhD in Engineering Science: **Electrical Engineering**

Leuven, Belgium

KU Leuven

01 2020 – 11 2020

Predoctoral - **Engineering Science**

Leuven, Belgium

Universiteit Hasselt

09 2019 – Ongoing

PhD in **Biomedical Science**

Hasselt, Belgium

## COURSEWORK / SKILLS

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

IranDoc

01 2017 – 03 2019

Researcher

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
- Deep Learning in Python - DataCamp
- Java Programming and Software Engineering - Coursera
- Advanced ASP.NET Core 3.1 MVC - Udemy
- Kubernetes for the Absolute Beginners - Hands-on - Udemy
- Federated Learning - 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