Hassan Mousavi
Data Scientist
Kristianstad | 073 – 73 84 700 |

afgsuna@gmail.com
Portfolio: https://afgsuna.github.io/Sacccan/

Education

Malmö University – Malmö, Sweden

Master's Degree in Applied Data Science
Aug 2022 – July 2025
Focused research: Cancer recognition using deep learning algorithms
Skills Acquired:

- **AI & Machine Learning:** Expertise in supervised/unsupervised ML algorithms, neural networks, and model optimization.
- **Deep Learning & Computer Vision:** Application of CNNs, transfer learning, and feature extraction for image classification and medical diagnostics.
- **Data Mining & Predictive Modeling:** Development of algorithms for pattern recognition and forecasting using large datasets.
- **Statistical Analysis:** Proficient in statistical techniques for hypothesis testing, data interpretation, and model validation.

Kristianstad University – Kristianstad, Sweden

Bachelor's Degree in Software Engineering
Sep 2019 – June 2022
Focused research: Security and Database Algorithms
Additional Coursework: Web Design and Implementation
Skills Acquired:

- **Software Development:** Skilled in software design principles, version control, and agile methodologies.
- **Database Management:** Proficient in SQL and NoSQL databases, database design, and query optimization.
- **Web Development:** Knowledgeable in front-end and back-end web technologies, responsive design, and UI/UX principles.
- **Security Protocols:** Familiar with encryption standards, data protection, and secure coding practices.

Umeå University – Umeå, Sweden
Course in Linux Development Environment 1
Jan 2022 – Apr 2022
Skills Acquired:

- **Linux Environment:** Practical experience in shell scripting, package management, and system configuration.
- **Development Tools:** Exposure to Git, GCC, and other Linux tools for compiling, debugging, and managing projects.

Stockholm University – Stockholm, Sweden
Summer Course in Middle Eastern Studies
Jun 2024 – Jul 2024
Grade: A
Study on the historical, cultural, and political development of the Middle East

Göinge Utbildningscenter – Sweden
High School Diploma in Civics
Aug 2011 – Jul 2015

Work Experience

Robot Controller and Quality Controller
Geberit Sverige – Part-time | Oct 2022 – Present

- Monitored and controlled Yaskawa robots to ensure high precision in automated product handling, enhancing overall workflow efficiency.
- Diagnosed and resolved operational issues, adjusting robot settings to optimize performance, reduce error rates, and improve throughput.
- Conducted regular maintenance and troubleshooting, ensuring minimal downtime and upholding high standards in quality control.
- Collaborated with team members to analyse robotic performance data, identify bottlenecks, and implement improvements.
- Gained hands-on experience with robotic automation processes, contributing to strategic initiatives for cost reduction and efficiency.

Logistics Coordinator
Region Skåne – Part-time | Feb 2019 – Jan 2020

- Managed logistics tasks across multiple departments, contributing to operational efficiency.
- Gained experience in supply chain processes and coordinated departmental activities.

Youth Coordinator
Kristianstads Kommun – Full-time | Jan 2017 – Dec 2017

- Developed and implemented educational programs aimed at enhancing youth development.
- Managed and organised events, fostering strong relationships with community stakeholders.

Teacher Assistant
Östra Göinge Kommun – Full-time | Jan 2016 – Jul 2016

- Supported teachers in courses such as Statistics, Mathematics, Computer Science, and Digital Technologies.
- Assisted in creating lesson plans and providing one-on-one support to students.

Skills

Programming Languages & Tools: Java, SQL, Python, Natural Language Processing (NLP), Data Visualization, Machine Learning Libraries (e.g., TensorFlow, Keras), R, C#, Scala, JavaScript, MATLAB, C++, Julia, Apache Hadoop, Power BI, SAS

Software: Visual Studio, Qlik, Jupyter, Tableau, SQL Server Management Studio, Git, Docker, Kubernetes, Apache Spark, Microsoft Azure, Amazon Web Services (AWS), Oracle Database, PyCharm, Eclipse, Anaconda

Languages:

- **Swedish:** High Proficiency
- **English:** High Proficiency
- **Farsi:** Native

Certifications & Licences

- B Driver's Licence
- Intermediate Photography Certification

Additional Information

- **Citizenship:** Swedish citizen
- **Residency:** Living in Sweden, Skåne County