Alireza Nik
Data Scientist - Computational Engineer

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40562021 📱

Oslo, Norway 📍

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github.com/Ali-HZN

Business-minded and motivated engineer with a demonstrated ability to deliver valuable insights via data-analytics and data-driven methods. Proficient in predictive data modeling, data processing and data-mining algorithms to solve challenging business problems. My day-to-day goal is pushing myself to learn new tools and technologies to contribute to the development of innovative solutions and making a sustainable digital future.

WORK EXPERIENCE

Summer Student as Data-Analyst
DNV

05/2021 - 08/2021   *Høvik, Norway*

Achievements/Tasks
- Designing an information retrieval model for SAP database in close cooperation with business developers and data experts.
- Define, establish and test algorithms for optimization of maintenance and inspection plan.
- Designing Predictive models from SAP database based on different KPIs.

Contact: Afzal Hussain (Head of Well & Asset Risk) - Afzal.Hussain@dnv.com

IT-support Specialist
Amin Farkhani & Partners Exchange Co

01/2018 - 10/2018   *Tehran,Iran*

Achievements/Tasks
- Developing and executing enterprise workstation software and deployment methodologies.
- Performing necessary R&D to identify the right technologies for supporting company business.
- providing configuration management leadership across the company for all supported technology platforms.
- Providing continuous improvements to existing IT landscape.

System and Network Administrator
Abroft Installation and Services Co

04/2015 - 10/2017   *Kish Island, Iran*

Achievements/Tasks
- Collaborating with the rest of the MS Windows Server team to perform tasks in support of large projects.
- Advanced knowledge in configuring and administering management and monitoring solutions.
- Supporting large IT environment of distributed computing platforms ; including root-cause-analysis to resolve complex system problems.

SOFT SKILLS

Team Player   Service-Minded   Analytical

Communication Skills   Detail-Oriented

EDUCATION

M.Sc. Computational Engineering - Specialization of Data Science
University of Stavanger

08/2019 - Present   *Stavanger, Norway*

Courses
- Computational modelling with python
- Big Data with Hadoop and Spark
- Machine Learning, Deep Learning & Data-Mining
- Databases Systems with SQL
- Image processing and computer vision
- Service Innovation and International Entrepreneurship

B.Sc. Electrical Engineering
Shahid Rajaee University of Tehran

09/2011 - 06/2016   *Tehran, Iran*

Courses
- Programming with C
- Micro-Computers
- Power System Analysis
- Linear control systems
- Telecommunication
- Signal Processing

INDUSTRY KNOWLEDGE

Machine Learning   Deep Learning   Visualization

Data Analysis   Computer Programming   Agile

Statistical Modelling   Database   BigData

Web Services   NLP   OS: Windows, Linux

TOOLS & TECHNOLOGIES

- Python / C
- ML / DL Libraries
- MySQL
- Power BI
- AWS
- Spark

VOLUNTEER EXPERIENCE

Board Member - UiS Student Branch
Industri Energi

10/2020 - Present   *Stavanger, Norway*
Industry Energy is the union for those who work in offshore and land-based industry. The student club in Stavanger arranges activities and courses.

LANGUAGES

English
Full Professional Proficiency

Persian
Native or Bilingual Proficiency

Norsk
Elementary Proficiency

CERTIFICATES

Designing & Implementing a Server Infrastructure
(03/2018 - Present)
Tehran Institute of Technology

Administering windows server 2012 R2
(09/2017 - Present)
Tehran Institute of Technology

Configure advance windows server 2012 R2
(12/2017 - Present)
Tehran Institute of Technology

SCJP Java Programming Essentials (12/2014 - 06/2016)
Tehran Institute of Technology

Java mobile Programming for Android-Core
(06/2015 - 03/2017)
Tehran Institute of Technology

COURSES

Software Developer Electrical & Autonomous Vehicles (01/2021 - Present)
YrkesAkademin, Sweden
- Advanced programming in C
- Embedded Systems & Programming
- Data Communication / IP-protocols
- Safety-critical systems, ISO 26262 and MISRA C
- Test Driven Development (TDD) & Behavior Driven Development (BDD)

PERSONAL PROJECTS

Sentiment Analysis on Yelp Dataset With combination of ML algorithms and Hadoop ecosystem (02/2020 - 05/2020)
- Group Project : Big Data with Hadoop & Spark course (UiS)

Anomaly Detection: Supervised vs Unsupervised Techniques (02/2021 - 05/2021)
- Group Project : Data Mining & Deep Learning course (UiS)

REFERENCES

Afzal Hussain
"Head of Section - Well & Asset Risk group (DNV, Høvik)"
Contact: afzal.hussain@dnv.com

Hans Petter Ellingsen
" Principal Consultant - Well & Asset Risk group (DNV, Høvik) "
Contact: hans.petter.ellingsen@dnv.com

AKSEL HIORTH
"Professor - Department of Energy resources in UiS"
Contact: aksel.hiorth@uis.no - +47 51831757