Saghar **Asadi**

Data Scientist

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About

An experienced data scientist with a background in both academia and industry.
Designed and delivered loosely-defined and proof-of-concept projects as an innovator, but also worked in established Agile teams to deliver production-ready data science projects (both as an in-house and a consultant data scientist).

Skills

- Python(5), NodeJS(3), SQL(3), R(2), LaTeX(5), MATLAB(4), Cython(2), C(1)
- SKlearn(5), Pandas(5), TensorFlow(4), Keras(4), pySpark(4), OpenCV(4), ElasticSearch/Kibana(4), Matplotlib(4), PyTorch(3), D3(3), Django(2)
- Farsi(5), English(4), Norwegian(2)

Positions

Inmeta Consulting AS — *Oslo, Norway*
Senior Data Scientist — *May 2020 - Present*

Innovation Garage AS - a moonshot by Dualog — *Tromsø, Norway*
Innovator (Data science) — *Aug. 2017 - Apr. 2020*

SpeedLedger — *Göteborg, Sweden*
Data ninja — *Oct. 2016 - Jun. 2017*

Stockholm University - Department of Astronomy — *Stockholm, Sweden*
PhD in Astronomy (dropout) — *Aug. 2012 - Sep. 2016*

Stockholm University - Department of Astronomy — *Stockholm, Sweden*
MSc. in Astronomy — *Sep. 2010 - Jun. 2012*

Shahid Beheshti University - Department of Physics — *Tehran, Iran*
BSc. in Physics — *Sep. 2005 - Jun. 2009*

Results (selected)

- Developed a set of Machine Learning models (including anomaly detection, classification and regression) to automate well-log interpretation. These models are the core of a new semi-automated workflow for the pertophysycists replacing a large part of the previously manual process (Inmeta Consulting AS)
- Co-developed a skin condition classification using Computer Vision techniques. The solution is deployed to Azure and is used as a web-service on the customer's website (Inmeta Consulting AS)
- Developed ElasticSearch data ingestion and embedded data processing and visualization for GeoCloud, a position tracking service for vessels (InnovationGarage AS)
- Co-developed a ZenDesk bot using natural language processing to help automate support ticket resolution for Dualog (InnovationGarage AS)
- Developed a semi-automatic video labeling tool to speed up generating training data for computer vision projects (InnovationGarage AS)
- Worked with product management team to use customer behaviour analysis for future product development planning (SpeedLedger)
- Built an app to monitor the company internal data flow, making customer data reliably consistent across departments and software systems (SpeedLedger)
- Developed performance metrics dashboards for multiple departments (SpeedLedger)
- Organized the first graduate–level machine learning course across physics and astronomy departments (Stockholm University)
- Wrote simulation software for the first Swedish SETI project (Stockholm University)
- Presented the results of my research to both professional and public audience (Stockholm University)
- Developed data analysis methods to optimize the sensitivity and resolution of radio interferometers with the end goal of constraining the mass of dark matter particles (Stockholm University)
- Made simulations to estimate the ability of near–future radio interferometers to constrain the standard model of dark matter (Stockholm University)

Interests

Science outreach, amateur astronomy, long distance running, gardening