Isa-Ali Kirca

MSc Artificial Intelligence

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in Isa-Ali Kirca

🎓 Education

University of Amsterdam
MSc Artificial Intelligence
2021 – 2024
Amsterdam, NL

University of Amsterdam
BSc Information Science
2018 – 2021
Amsterdam, NL

📊 Experience

Netherlands Cancer Institute
MSc thesis intern
February 2023 – Present
Amsterdam, NL

> Thesis research in 3D image synthesis using diffusion models
> Tailoring diffusion model inputs to simulate specific tumor characteristics such as volume, surface area, and complex disease markers, including the presence of other lung conditions, enhancing the realism of synthetic CT scans

Nuffic
Functional application manager
May 2022 – September 2023
Den Haag, NL

> Pioneered in the creation and maintenance of advanced program templates, enhancing communication automation and process efficiency
> Provided expert analysis and troubleshooting of system functionality, yielding valuable enhancements to operational workflows
> Mastered code-related software such as Visual Studio and SQL, enabling the development of comprehensive reports and findings to streamline communication with technical and management teams

Netherlands Cancer Institute
BSc thesis intern
April 2021 – July 2021
Amsterdam, NL

> Survival prediction using Convolutional Neural Networks based on lung CT scans of patients with Malignant Pleural Mesothelioma

⚗ Projects

BSc thesis

> Survival prediction using CNNs.

⚙ Skills

Soft skills Critical thinker, Interpersonal, Problem solver, Reliable, Supportive

Hard skills Python, SQL, HTML/CSS/JavaScript, C/C++, ML, CV, NLP, IR, Data Science/Engineering

Languages Dutch, English, Turkish