



Gjorgji Strezoski

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Education

University of Amsterdam

Amsterdam, The Netherlands

- *Doctor of Philosophy - Machine Learning and Artificial Intelligence*

Jan 2017 - May 2022

Advisor: Marcel Worring (Informatics Institute)

Ss Cyril and Methodius University

Skopje, Macedonia

- *Master of Science - Software Design and Engineering*

Sep 2014 - Jun 2016

Software Engineering | GPA 9.9 / 10.0

Ss Cyril and Methodius University

Skopje, Macedonia

- *Bachelor of Science - Informatics and Computer Engineering*

Sep 2010 - Aug 2014

Information and Computer Science | GPA 9.1 /10

Professional experience

StoreShippers

Amsterdam, The Netherlands

Chief Technology Officer & Co-Founder

Jun 2019 - Apr 2024

- Designed and developed an international shipping platform software that converted regular stores into fulfilment warehouses for greener more efficient shipping. Led an interdisciplinary team of engineers and designers to scale across 15 countries in less than 10 months.

Ss Cyril and Methodius University

Skopje, North Macedonia

Faculty for Computer Science and Engineering

Jun 2023 - now

Visiting Professor

Collaboration on scientific research in the computer vision, machine learning and multimedia domains and developing educational programmes for software engineering in AI.

ViSenze

Singapore, Republic of Singapore

Research Scientist

Sep 2020 - May 2021

- Built a realtime instance segmentation engine for a large dataset of rigid objects under diverse controlled lighting conditions for training a model that powers such characters a AR game.

Simply

Skopje, North Macedonia

Chief Technology Officer & Co-Founder

Jan 2019 - now

- A web development and data science startup focusing on geographical information systems. Simply builds bespoke end-to-end software tools for businesses dealing with large amounts of geographic and visual data processing.

Rijksmuseum

Amsterdam, The Netherlands

Computer Vision Research Scientist

Jan 2017 - Jan 2022

- Research on applying computer vision methods for developing content based analytical tools helping in curatorial and art historical analysis.

- Paradox NL** Amsterdam, The Netherlands
 • Research Scientist - Consultancy *May 2018 - Feb 2019*
 Developing metadata driven instance retrieval models for the N_O_W_H_E_R_E exhibit.
- CommitChange** Olympia, Washington, USA
 • Data Scientist *Jul 2016 - Mar 2017*
 Developing ad-campaign success prediction systems and a Ruby on Rails backend.
- MAESTRA** Skopje, Macedonia and Ljubljana, Slovenia
 • Junior Research Scientist *Apr 2015 - Jun 2016*
 Research on realtime image based plant species recognition systems.

Selected publications

- G. Strezoski, N. van Noord, M. Worring, “**MATTE: Multi-task multi-scale attention**”, Computer Vision and Image Understanding, (CVIU), 2023
- G. Strezoski, N. Van Noord, M. Worring, “**Learning Task Relatedness in Multi-Task Learning for Images in Context**”, International Conference on Multimedia Retrieval (ICMR), 2019
- G. Strezoski, N. Van Noord, M. Worring, “**Many Task Learning with Task Routing**”, International Conference for Computer Vision (ICCV), 2019
- G. Strezoski, M. Worring, “**OmniArt: A Large-scale Artistic Benchmark**”, ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM), 2018
- G. Strezoski, I. Groenen, J. Besenbruch, M. Worring, “**ArtSight: An Artistic Data Exploration Engine**”, Demo Track at ACM Multimedia Conference on Multimedia Conference (ACM MM), 2018
- G. Strezoski, I. Groenen, J. Besenbruch, M. Worring, “**Plug-and-Play Interactive Deep Network Visualization**”, Visual Analytics for Deep Learning Workshop at the IEEE Conference on Visual Analytics Science and Technology (IEEE VAST) , 2017

Full publication list available on: <https://scholar.google.hr/citations?user=rRqGXOoAAAAJ&hl=en>

Teaching

- Information Visualization, 2017, 2018, 2019 (Master AI, Master IS, University of Amsterdam)
- Fundamentals of Data Science, 2017, 2018, 2019 (Master AI, Master IS, University of Amsterdam)
- Software Engineering, 2015, 2016, 2023. (Bachelor in Computer Science, Ss Cyril and Methodius, Skopje)

Student supervision (graduated)

- **Corine Jacobs** (jointly with Nanne van Noord) *University of Amsterdam*
Generative Adversarial Networks for Decorative Initial Image Generation
- **Gert Boer** (jointly with Nanne van Noord) *VU University, Amsterdam*
Multi-task Initial Classification
- **Kieran O'Driscoll** (jointly with Nanne van Noord) *University of Amsterdam*
Art Inspired Fashion with Generative Adversarial Networks
- **Rogier Knoester** *University of Amsterdam*
Facial Sentiment Analysis in Artistic Painting
- **Riccardo Bianchi** *University of Amsterdam*
Multitask Generative Adversarial Networks