



# Gjorgji Strezoski

Amsterdam, The Netherlands

[strezoski.com](http://strezoski.com)

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## SUMMARY

Data and ML leader with a PhD in Machine Learning and AI from the University of Amsterdam. Currently Chief Data Officer at New Black, building data platforms and ML-ready pipelines for real-time insights. Serial entrepreneur with a successful exit as CTO of StoreShippers, and co-founder of Zero-G and Simpli Development. Research background spans computer vision, multi-task learning, and cultural heritage analytics, with publications in top venues (ICCV, CVIU, TOMM, ACM MM) and collaborations with institutions like the Rijksmuseum. Bridges the gap between cutting-edge research and production-ready systems.

Outside of work, I make music and DJ, ferment and craft homemade hot sauces, skate, climb, and take care of my golden retriever, Willie Nelson.

## 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

GPA 9.9 / 10.0

### Ss Cyril and Methodius University

Skopje, Macedonia

*Bachelor of Science - Informatics and Computer Engineering*

Sep 2010 - Aug 2014

GPA 9.1 / 10.0

## PROFESSIONAL EXPERIENCE

### New Black · [newblack.io](http://newblack.io)

Amsterdam, The Netherlands

*Chief Data Officer*

Jul 2025 - Present

Leading a team of 3 engineers on the Data & ML direction, building practical systems to deliver insights in real time. Work includes multi-model recommenders using pruned transformers and statistical models, data platform engineering for ML-ready pipelines (Databricks, PyTorch, ggml, vLLM), and internal data tool development and deployment.

### *Data Lead*

Jun 2024 - Jul 2025

Laid the foundations of New Black's data platform, designing core architecture for reliable, scalable data use. Implemented the medallion architecture across the organization, delivered end-to-end data pipelines from ingestion to live dashboards, and established the backbone for analytics, reporting, and machine learning capabilities.

### **Zero-G · zero-g.dev**

Amsterdam, The Netherlands

#### *Co-Founder*

Feb 2024 - Present

Building high-reliability systems and cost-efficient software solutions for e-commerce and logistics.

### **Tolion Health, Inc. · tolion.com**

Prague, Czechia (Remote)

#### *Model Driven Interaction Consultant*

Sep 2024 - Present

Design of user interactions with an LLM through visual and conversational alignment, building a mental health support agent powered by custom RAG flows and a medical knowledge database.

### **StoreShippers**

Amsterdam, The Netherlands

#### *Chief Technology Officer & Co-Founder*

Jun 2019 - Mar 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. Exited in March 2024.

### **Simpli Development**

Skopje, North Macedonia

#### *Founder*

2019 - Present

Founded a software development company with 5 engineers specializing in Django and surveillance image stitching. Design and develop bespoke applications for web and mobile platforms.

### **Ss Cyril and Methodius University · finki.ukim.mk**

Skopje, North Macedonia

#### *Visiting Professor*

Jun 2023 - Present

Collaboration on scientific research in the computer vision, machine learning and multimedia domains.

### **ViSenze · visenze.com**

Singapore, Republic of Singapore

#### *Research Scientist*

Sep 2020 - Apr 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.

### **Paradox · paradox.nl**

The Randstad, Netherlands

#### *Research Scientist for Data Driven Exhibitions*

Mar 2018 - Mar 2021

Developed attribute-driven deep models for representing semantics and contextual understanding behind Frank van der Salm's work for the N\_O\_W\_H\_E\_R\_E exhibition.

### Rijksmuseum · [rijksmuseum.nl](http://rijksmuseum.nl)

*Research Scientist - Computer Vision*

The Randstad, Netherlands

Nov 2016 - Nov 2020

Research partner for the VISTORY project at the premier art museum of the Netherlands, applying computer vision to the museum's collection. Hosted and participated in interdisciplinary colloquiums with professionals from diverse domains. Work resulted in scientific publications and graduated master students in AI and Computer Vision.

### CommitChange

San Francisco Bay Area (Remote)

*Backend Developer and Data Scientist*

Jul 2016 - Mar 2017

Rails backend development and machine learning on proprietary data.

### Faculty of Computer Science and Engineering · [maestra-project.eu](http://maestra-project.eu)

Skopje, North Macedonia

*Research Scientist*

Jun 2014 - Sep 2016

Machine learning, deep learning, image processing and data science research as part of the MAESTRA Project.

## SELECTED PUBLICATIONS

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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**", IEEE International Conference on Computer Vision (ICCV), 2019 **(Oral)**

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 (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 IEEE VAST, 2017

Full publication list available on [Google Scholar](http://scholar.google.com)

## TEACHING

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**Information Visualization***Master AI, Master IS*

University of Amsterdam

2017, 2018 &amp; 2019

**Fundamentals of Data Science***Master AI, Master IS*

University of Amsterdam

2017, 2018 &amp; 2019

**Software Engineering***Bachelor in Computer Science*

Ss Cyril and Methodius, Skopje

2016

**NOTABLE SUPERVISED MASTER STUDENTS****Corine Jacobs**

Generative Adversarial Networks for Decorative Initial Image Generation

University of Amsterdam

Jointly supervised with Nanne van Noord

**Gert Boer**

Multi-task Initial Classification

VU University, Amsterdam

Jointly supervised with Nanne van Noord

**Kieran O'Driscoll**

Art Inspired Fashion with Generative Adversarial Networks

University of Amsterdam

Jointly supervised with Nanne van Noord

**Rogier Knoester**

Facial Sentiment Analysis in Artistic Painting

University of Amsterdam

**ACADEMIC SERVICE****ACM International Conference on Multimedia Retrieval (ICMR) 2026**

Amsterdam, The Netherlands

*Web Chair*

June 2026

**Computer Vision and Image Understanding (CVIU)***Reviewer***ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM)***Reviewer*

Updated January 2026