Dario Pavlović

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WORK EXPERIENCE

Data Scientist, *all eyes on screens* - Zagreb, Croatia **Sep 2025 – present**
- Tv advertisement analysis
- Skills: *Python, Machine Learning, Data Science*

Data Analyst, *Raiffeisenbank Croatia* - Zagreb, Croatia Oct 2024 – Jul 2025
- Development and detailed analysis of an official chatbot for Raiffeisenbank Croatia
- Skills: *Python, Gen AI, Data Analysis, Excel*

Data Engineer, *Syntio* - Zagreb, Croatia Sep 2022 – Jun 2023
- Worked on an internal data engineering software product
- Skills: *GCP, Azure, AWS, Kafka, Spark, Golang, Git*

Front-end Intern, *KING ICT* - Zagreb, Croatia Jul 2021 – Aug 2021
- Made a Python Flask web application that generated files that were internally used for Docker deployments
- Skills: *JavaScript, HTML, CSS, Docker, Git*

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia **Oct 2022 – present**
- Title - *Pursuing Master of Science in Computing*
- Thesis - *Deep Learning-Based Music Stem Separation and Instrument Isolation*
- Relevant courses: *Machine Learning, Text Analysis and Retrieval, Multivariate Data Analysis, Introduction to Data Science, Neural Networks, Statistical Data Analysis*

University of Aveiro, Department of telecommunication and informatics, Portugal Feb 2024 – Jul 2024
- *Erasmus+ exchange*
- Relevant courses: *Mining Large Scale Datasets, 3D Animation and Modelling, Game Narrative Design*

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia Oct 2019 – Jun 2022
- Title - *Bachelor of science in computing*
- Thesis - *Predicting stock prices using neural networks*
- Relevant courses: *Introduction to Programming, Object Oriented Programming, Algorithms and Data Structures, Software Engineering, Databases, Software Engineering, Introduction to Artificial Intelligence, Computer Security, Linux*

High school – Opća Gimnazija Sesvete Sep 2015 – Jun 2019
- Worked on an Arduino noise pollution project in the first year of high school
- Took a Java Academy course in senior year

PROJECTS AND PAPERS

Generating music using LSTM network – paper for *Neural Networks* course Nov 2023 – Jan 2023

NLP rumor evaluation of Tweets – paper for *Text Analysis and Retrieval* course Feb 2023 – May 2023

Research paper on music recommendation systems using machine learning methods Feb 2023 – May 2023

Final BSc thesis - *Predicting stock prices using neural networks* Feb 2022 – Jun 2022

Team Lead at FER, Zagreb, Croatia Oct 2021 – Feb 2022
- Managed a team of 5 students in Project course
  (visual implementation of NN, CGP, GP algorithms)

Video game sales analysis / March madness basketball prediction Oct 2021 – Feb 2022
- Statistical analysis of video game sales as a project for *Statistical Analysis* course

- March madness basketball prediction using machine learning methods for *Introduction to Data Science* course

Social network web application for *Software Engineering* course Oct 2021 – Feb 2022
- *Spring Boot* backend and *React.js* frontend

TECHNICAL SKILLS

Languages: Python, Java (SE), C/C++, HTML/CSS/JS, Golang, Bash
Frameworks and Libraries: Spring Boot, React, NumPy, SciPy, Scikit-learn, Pytorch, Pandas, Kafka, MongoDB, SQL, Spark, Flask, Kubernetes
Developer Tools and Programs: Git, Docker, Linux, Vercel, Heroku, Blender, Unity, MS Office

OTHER

Volunteering in eSTUDENT, member of Multimedia Team Oct 2022 – Jun 2023
- Photography, videography, editing

Student demonstrator for faculty skill *Introduction to DJ Equipment and Mixing* Oct 2022 – Jun 2023
- Taught students about DJ equipment and mixing

Languages - Croatian (native), English (fluent), German (basics), Portuguese(basics)
Interests – Data science, Machine Learning, Music