Dario Pavlović

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WORK EXPERIENCE

Associate Data Engineer at Syntio, Zagreb, Croatia   Sep 2022 – Jun 2023
- Cloud data engineering (Google Cloud Platform, Azure, AWS, Kafka, Spark, Golang)

KING ICT d.o.o., Zagreb, Croatia   Jul 2021 – Aug 2021
- Made a Python Flask web app project

nDimension j.d.o.o., Zagreb, Croatia   Jun 2016 – Aug 2016
- Maintenance and repairment of computers

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia   **Oct 2022 – Jul 2025**
- Master's degree in Data Science
- Relevant courses: *Machine Learning, Text Analysis and Retrieval, Multivariate Data Analysis, Introduction to Data Science, Statistical Data Analysis*

University of Aveiro, Department of electronics, 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
- Bachelor's degree in Computer Science, 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 an Oracle 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

- **Java (SE)** – used for university courses, laboratory tasks and for work
- **Spring Framework** – used in university courses, personal projects and for work
- **Python** – used in various personal projects, laboratory tasks and for work
- **C/C++** – basic knowledge, used in university courses/projects
- **Linux** – used in optional course (Linux, Computer Security)
- **GIT** – used in university courses/personal projects/job experiences
- **HTML/CSS/JS/React** – used in university courses, laboratory tasks and personal projects, and for work
- **SQL** – used in university courses, personal projects and for work
- **GO** – took a course *Programming Language Go* and used for work
- **BLENDER** – university and personal projects

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
- Helping with laboratory exercises

Languages - Croatian (native), English (fluent), German (basics), Portuguese and Spanish (basics)
Interests – Data engineering, Machine Learning, Astronomy