

# Dario Pavlović

Zagreb, Croatia | pava.dario@gmail.com | darex20.github.io/my-portfolio | github.com/Darex20

## WORK EXPERIENCE

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<b>Associate Data Engineer, Syntio</b> - Zagreb, Croatia	Sep 2022 – Jun 2023
<ul style="list-style-type: none"><li>Worked on an internal data engineering software product</li><li>Skills: <i>GCP, Azure, AWS, Kafka, Spark, Golang, Git</i></li></ul>	
<b>Front-end Intern, KING ICT</b> - Zagreb, Croatia	Jul 2021 – Aug 2021
<ul style="list-style-type: none"><li>Made a Python Flask web application that generated files that were internally used for Docker deployments</li><li>Skills: <i>JavaScript, HTML, CSS, Docker, Git</i></li></ul>	
<b>Computer Repairment Assistant, nDimension</b> - Zagreb, Croatia	Jun 2016 – Aug 2016
<ul style="list-style-type: none"><li>Maintenance and repairment of computers</li></ul>	

## EDUCATION

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<b>University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia</b>	Oct 2022 – present
<ul style="list-style-type: none"><li>Title - <i>Pursuing Master of Science in Computing</i></li><li>Relevant courses: <i>Machine Learning, Text Analysis and Retrieval, Multivariate Data Analysis, Introduction to Data Science, Neural Networks, Statistical Data Analysis</i></li></ul>	
<b>University of Aveiro, Department of electronics, telecommunication and informatics, Portugal</b>	Feb 2024– Jul 2024
<ul style="list-style-type: none"><li><i>Erasmus+ exchange</i></li><li>Relevant courses: <i>Mining Large Scale Datasets, 3D Animation and Modelling, Game Narrative Design</i></li></ul>	
<b>University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia</b>	Oct 2019 – Jun 2022
<ul style="list-style-type: none"><li>Title - <i>Bachelor of science in computing</i></li><li>Thesis - <i>Predicting stock prices using neural networks</i></li><li>Relevant courses: <i>Introduction to Programming, Object Oriented Programming, Algorithms and Data Structures, Software Engineering, Databases, Software Engineering, Introduction to Artificial Intelligence, Computer Security, Linux</i></li></ul>	
<b>High school – Opća Gimnazija Sesvete</b>	Sep 2015 – Jun 2019
<ul style="list-style-type: none"><li>Worked on an Arduino noise pollution project in the first year of high school</li><li>Took a Java Academy course in senior year</li></ul>	

## PROJECTS AND PAPERS

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<b>Generating music using LSTM network – paper for <i>Neural Networks</i> course</b>	Nov 2023 – Jan 2023
<b>NLP rumor evaluation of Tweets – paper for <i>Text Analysis and Retrieval</i> course</b>	Feb 2023 – May 2023
<b>Research paper on music recommendation systems using machine learning methods</b>	Feb 2023 – May 2023
<b>Final BSc thesis - <i>Predicting stock prices using neural networks</i></b>	Feb 2022 – Jun 2022
<b>Team Lead at FER, Zagreb, Croatia</b>	Oct 2021 – Feb 2022
<ul style="list-style-type: none"><li>Managed a team of 5 students in Project course (visual implementation of NN, CGP, GP algorithms)</li></ul>	
<b>Video game sales analysis / March madness basketball prediction</b>	Oct 2021 – Feb 2022
<ul style="list-style-type: none"><li>Statistical analysis of video game sales as a project for <i>Statistical Analysis</i> course</li><li>March madness basketball prediction using machine learning methods for <i>Introduction to Data Science</i> course</li></ul>	
<b>Social network web application for <i>Software Engineering</i> course</b>	Oct 2021 – Feb 2022
<ul style="list-style-type: none"><li><i>Spring Boot</i> backend and <i>React.js</i> frontend</li></ul>	

## TECHNICAL SKILLS

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**Languages:** Python, Java (SE), C/C++, HTML/CSS/JS, Golang, Bash

**Frameworks and Libraries:** Spring Boot, React, NumPy, SciPy, Scikit-learn, Pytorch, Pandas, CUDA, Kafka, MongoDB, SQL, Spark, Flask, Kubernetes

**Developer Tools and Programs:** Git, Docker, Linux, Vercel, Heroku, Blender, Unity, MS Office

## OTHER

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**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