

Patrik Đurđević

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Education

University of Zagreb October 2019-June 2022
Faculty of Electrical Engineering and Computing
Bachelor of Science in Computing
Cumulative Weighted GPA: 4.83 / 5.0

- Final BSc Thesis focused on NLP in collaboration with TakeLAB FER
- Elective courses: Competitive programming, Service and application development for iOS, Introduction to R programming language

Experience

Q Agency Zagreb, Croatia
Data Science Consultant September 2021-Present

- Developing a data science consulting framework with a colleague (ex-PwC)

Zagrebačka banka d.d. Zagreb, Croatia
Data Scientist September 2021-Present

- Working on the ATM cash flow prediction problem

Avaya Dubai, United Arab Emirates
Student Intern July 2021-August 2021

- Worked on the development of a new analytics solution (backend and frontend)
- Created a proprietary secure questionnaire web application (similar to Google Forms)
- Created a customer churn PoC model (99.92% AUC) for a contact center with a discount recommendation system (it was showcased at GITEX Global 2021 in Dubai)
- Worked with the consulting team on how they can utilize data science to further improve their processes
- Delivered a presentation on the subject of "Data Science @ Avaya, Practical Applications & Ideas" to the APS leadership team

Zagrebačka banka d.d. Zagreb, Croatia
Student | Analytical CRM for individual customers and Big Data December 2020-June 2021

- Implemented one shot learning siamese networks (character level LSTM) for binary classification using TensorFlow (Python)
- Performed data extraction, cleaning and preparation for processing using Pandas (Python)
- ETL for various projects using Oracle Data Integrator

X.FER (Computer Science Club @ FER, University of Zagreb) Zagreb, Croatia
President May 2021-Present

- Leading a club with 75 members
- Managing partnerships with partner companies
- Organizing a Competitive programming university course (managed a ~50% YoY increase in enrolment)
- Organizing 3 computer science competitions on a national level throughout the academic year
- Building the X.FER brand

B.A.M.T. TRGOVINA d.o.o. Zagreb, Croatia
Web developer June 2019-September 2019

- Developed an online shop for a retail store (www.ambient.hr).
- Developed a specialised online shop (www.snovi.hr).

Certificates

TensorFlow Developer Certificate July 2021
TensorFlow Certificate Program

Cambridge English Level 3 Certificate in ESOL International June 2018
CEFR Level C2 (Grade A)

Business Intelligence & Data Analysis (BIDA)™ Certification December 2021
Corporate Finance Institute

Professional development

MITx <i>Micromasters Program, Statistics and Data Science</i> <ul style="list-style-type: none">Completed courses: Probability - The Science of Uncertainty and Data, Fundamentals of Statistics, Data Analysis in Social Science	June 2020-Mid 2022
deeplearning.ai <i>Deep Learning Specialization</i>	December 2020
ColumbiaX <i>CSMM102.x: Machine Learning</i>	December 2020
Wharton online <i>Customer Analytics</i>	October 2020
Harvard College <i>CS50's Introduction to Artificial Intelligence with Python</i>	September 2020

Awards

ICPC Central European Regional Contest (online) <i>33rd place</i>	2021
Competition of teams of computer science students from Croatian universities <i>3rd place, Qualified for the ICPC Central European Regional Contest 2020-2021</i>	2020
LUMEN Data Science Competition <i>Best presentation & 4th place</i> <ul style="list-style-type: none">Topic: predictive maintenance	2020
Croatian Agency for Education <i>Oscar of knowledge</i> <ul style="list-style-type: none">Oscar of knowledge is the most significant Croatian award and recognition in education.	2016 and 2019
Croatian national computer science competition <ul style="list-style-type: none">8th, 8th, 3rd, and 6th place	2013, 2015, 2017, and 2019
American Computer Science League All-Star Contest <ul style="list-style-type: none">3rd, and 1st place	2016 and 2019

Volunteering

eSTUDENT (Student organization) <i>Project management team member</i> <ul style="list-style-type: none">My team was organizing a regional business competitionCoordinating a partnership with a sponsor for the competition (BAT)	October 2020-June 2021
MIOC <i>Competitive programming lecturer</i> <ul style="list-style-type: none">Preparing high-school students for computer science competitions	October 2019-March 2020
University of Zagreb <i>Programming lecturer at RADDAR</i> <ul style="list-style-type: none">Teaching elementary school children programming in python	October 2019-March 2020

Skills

Programming: Python (NumPy, pandas, scikit-learn, PyTorch, TensorFlow), SQL, R, C, C++, Java, JavaScript
Database: Oracle, Oracle SQL Developer, Oracle Data Integrator 12c, MySQL