

WORK EXPERIENCE

Software Engineer, AISoft Technology

4 months

- Improved Kafka's reliability by constructing a scalable reporter which pushes metrics to a remote system
- Improved Kafka's resource usability by constructing a stateless, connected RESTful API website/service
- Java, Kafka, ZooKeeper, Spring, JMX

Big Data Analyst, Inceptum

4 months

- Improved telecom service uptime by creating a data pipeline which analyses 3MB/thread/sec of data and raises alarms in real-time if it detects an anomaly
- Java, Python, Linux, Kafka, Spark, Redis, Hive

SAP Technical Consultant, Atos

6 months

- Increased client's revenue by 2% by creating a variety of ABAP programs for internal and external clients
- Received 350% more views than the median for publishing a concise ABAP cheatsheet
- ABAP, Java, SAP

PROJECTS

Business Tax Reporter, Azelis

Freelance project

- Increased productivity by 6% by constructing a business tax reporter which saved the client 100h/year
- Python (lxml, Pandas, openpyxl)

Real estate valuation system

Capstone project

- Helped young people find affordable housing by constructing a machine learning system which analyses publicly available housing market data with 90% accuracy
- Python (Scikit-learn, PyQt, Scrapy), MongoDB

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing

MSc in Computer Science

2019

- Relevant courses: Machine Learning, Parallel Programming, Extremal Combinatorics, Blockchain Technologies

BSc in Software Engineering

2017

TECHNICAL SKILLS

Intermediate:

- Java, Python - used to construct a variety of projects
- Apache Kafka - used at AISoft Technology and Inceptum
- REST - used at AISoft Technology

Basic:

- Haskell, C++, SQL, JavaScript
- Docker, Bash, GitFlow, PostgreSQL, Flask, Druid

ACHIEVEMENTS, OTHER SKILLS AND INTERESTS

- Human languages: Croatian (native) - English (C2 in speech and writing)
- Letters of recommendation: [Popović, M.](#) - [Gogić, S.](#) - [Pogrmilović, Z.](#)
- D&D DM, led 11 campaigns - 10/25/40-man WoW Raid Leader