

WORK EXPERIENCE

Software Engineer, AISoft Technology

Zagreb, Croatia, 4 months

- Improved Kafka broker reliability by constructing a scalable reporter which pushes metrics every 1s to a remote monitoring system
- Improved Kafka resource usability by constructing a stateless, connected RESTful API website/service
- Java, Kafka, ZooKeeper, Spring, JMX

Big Data Analytics Developer, Inceptum

Zagreb, Croatia, 4 months

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

SAP Technical Consultant, Atos

Zagreb, Croatia, 6 months

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

PROJECTS

Business Tax Reporter

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

Pursuing MSc in Computer Science

2019 (expected)

- Relevant courses: Machine Learning, Advanced Databases, 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:

- C++, SQL, JavaScript, HTML5
- Linux, Git, PostgreSQL, Flask

ACHIEVEMENTS, OTHER SKILLS AND INTERESTS

- Human languages - Croatian (native); English (C2 in speech and writing)
- Letters of recommendation - [Popović, M.](#); [Gogić, S.](#); [Pogrmilović, Z.](#)
- Studied - Clean Code, Code Complete, RESTful Web Services