

## WORK EXPERIENCE

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### Software Engineer, AISoft Technology

4 months

- Improved Kafka broker reliability by constructing a scalable reporter which pushes metrics every 1s to a remote system
- Improved Kafka 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 which improved business process efficiency
- Received 350% more views than the median for publishing a concise ABAP cheatsheet
- ABAP, Java, SAP

## PROJECTS

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### 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

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### 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

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#### 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

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- 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