Marin Koštić

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EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing	**Croatia**
Master of Computer Science	2016–2018
Bachelor of Computer Engineering	2012–2016

MASTER THESIS

Title: Local methods for Color Image Enhancement
Supervisor: Prof. Dr. Sc. Sven Lončarić
Description: This thesis explored research in the field of digital image enhancement, more specifically on the subject of local methods for color image enhancement.

BACHELOR THESIS

Title: Embedded system for Temperature and Humidity measurement
Supervisor: Prof. Dr. Sc. Hrvoje Mlinarić
Description: Designing an embedded system based on ESP8266 processor that is connected to temperature and humidity sensor via I2C bus.

EXPERIENCE

Amodo	**Zagreb**
Data Engineer	Sep. 2018 – Present

- Developing Amodo telematics Usage-based insurance platform in a small team of engineers. (Django, PostgreSQL)
- Developing scoring systems based on milage from GPS data recorded by smartphone SDK and user behaviour based on smartphone usage. Integrating data enrichment and contextualization pipelines based on GPS data using OSM, Google and HERE maps. (Java, Kafka, Cassandra)
- Research and Development of sensor fusion from smartphone sensors to detect user Transportation mode and behavioural events in traffic using Machine Learning. (Python, Tensorflow)

DevOps Engineer, Student	Jul. 2017 – Sep. 2018

- Maintaining server infrastructure as code on AWS and Digital Ocean. (Ansible)

Faculty of Electrical Engineering and Computing	**Zagreb**
Teaching assistant	Jan. 2015 – May. 2015

- Demonstrator at Laboratory exercises in *Computer Architecture 1* class

SKILLS

Programming Languages:
Advanced: Python, Java
Intermediate: Rust
Basic: C/C++

Miscellaneous:
Advanced: PostgreSQL
Intermediate: Git, Ansible, Linux/Unix, SQL, PostGIS, Cassandra, Kafka, Django, Tensorflow, TDD
Basic: OpenCV, Mediapipe, Docker, Kubernates, Bazel

LANGUAGES

Croatian: Mother tongue
English: Professional working proficiency
Cambridge CEA: C1

INTERESTS

Outside of work I like to spend my time training which includes Brazilian Jiu Jitsu and Cycling.