

# KATERYNA KONOTOPSKA

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\* Eligible to work in the Netherlands

📍 Rotterdam, The Netherlands

📄 github.com/katerynak

Languages EN IT UA RU



## EXPERIENCE

### Software engineer

#### Particle.One

📅 October 2020 - present

📍 Fully remote (from Rotterdam)

- Data pipelines (Python, Airflow)
- Maintenance of best code practices
- Contributing to system containerization (Docker)
- Data visualization (Dash)

### Developer C/C++ Internship

#### Autron srl

📅 summer 2015

📍 Concordia sulla Secchia (Mo)

- Software development in automotive industry with Qt libraries

## EDUCATION

### MSc in Computer Science (Data Science)

#### Università degli studi di Trento

📅 2017 - march 2020

📍 Trento, Italy

110/110

### BSc in Computer Engineering

#### Università degli studi di Modena e Reggio Emilia

📅 2014 - 2017

📍 Modena, Italy

105/110

### Diploma in Informatics and Telecommunications

#### ITI Leonardo da Vinci

📅 2009 - 2014

📍 Carpi (Mo), Italy

95/100

## ABOUT ME

I moved to Italy when I was 15. There I developed an interest for programming so that led to enrolling in a high school with specialization in Informatics and Telecommunications, followed by a bachelor degree in Computer Engineering and a master in Computer Science (Data Science track).

I believe that continuous learning is a privilege rather than an obligation. I am happy to work both alone or with others. During my studies and work experiences I collaborated with people on different projects and I always enjoyed the group work. I am autonomous at organizing and carrying out my job.

## SKILLS

I use **Linux** (and, naturally, **Bash**) as my everyday environment. I mostly use **Git** as versioning software.

As for programming languages, in the recent years I've been mostly working with **Python**, whereas in the past I also used **Java** and **SQL** and I had some work experience with **C/C++**.

The ability to use **OOP** and **Design patterns** are among the main acquisitions from my work experience and my bachelor degree.

My master studies were mostly focused on **Machine learning**, **Data analysis** and **Optimization**. Packages like **Scikit-learn**, **PyTorch**, **Pandas** and **Numpy** were usually part of my projects.

I had also some experience with **PySpark**.

In my free time I enjoy doing personal projects while learning new tools, one of my last projects combines **Scrapy**, **Redis**, **MongoDB** and **Docker**.

## CERTIFICATIONS

Ultimate AWS Certified Solutions Architect Associate [verify](#)

Docker Mastery: with Kubernetes + Swarm & Captain's Certificates [verify](#)

First Certificate in English [verify](#)

## PUBLICATIONS

Konotopska, Kateryna, and Giovanni Iacca.

"Graph-Aware Evolutionary Algorithms for Influence Maximization."

To be published in the proceedings of ACM Genetic and Evolutionary Computation Conference (GECCO) Companion 2021