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# Uroš Milovanović

## Python / Machine Learning Engineer

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Experienced Python Developer / Machine Learning Engineer with demonstrated history in development and deployment of data science solutions while working in a distributed team environment, following Agile/Scrum methodology. Strong knowledge in Chatbot Development, Machine learning, Natural Language Processing, Time Series Analysis and AWS Cloud.

### SKILLS

<b>Programming Languages</b>	Python, JavaScript, R, C++, C#, Java, Bash, C
<b>Tools and Technologies</b>	AWS, SQL, Keras/TensorFlow, Docker, git, Flask, $\text{\LaTeX}$ , CSS/Sass, React.js, Next.js
<b>Communication</b>	English, Serbian

### TECHNICAL EXPERIENCE

<b>Python / Machine Learning Engineer</b> <i>Synechron</i>	<b>Jul 2021 — Present</b> <i>Novi Sad, Serbia</i>
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- Involved in the whole project life-cycle of chatbot development from scope definition to development and deployment for multiple chatbots that get 10,000+ interactions daily.
- Built reporting infrastructure and dashboards to map the user journey in chatbot conversations and across different chatbots.
- Worked on making ETL procedures for calculating new data points and checking the validity of data using Apache Spark.

<b>Machine Learning Intern</b> <i>Synechron</i>	<b>Feb 2021 — Apr 2021</b> <i>Novi Sad, Serbia</i>
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- Built a chatbot from scratch while evaluating different approaches for tokenization, vectorization, pre-processing techniques (stemming/lemmatization...) and neural network architectures.
- Worked on different recommendation systems that recommend which forms go with what insurance policies while evaluating different approaches.

<b>Software Engineer Intern</b> <i>Typhoon HIL, Inc.</i>	<b>Jun 2019 — Nov 2019</b> <i>Novi Sad, Serbia</i>
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- Worked on an framework for simulating energy consumption in a average home and defining different classes of components and building the energy profile of different appliances.

### EDUCATION

<b>Bachelor (Hons) Degree in Informational Engineering (Data Science)</b> <i>Faculty of Technical sciences - University of Novi Sad</i>	<b>2017 — 2021</b>
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- Scholarship of the Serbian Ministry of Education, Science and Technological Development - 2019, 2020, 2021

#### Certifications / Courses

• AWS Certified Developer – Associate	June 2022 - June 2025
• Rasa Certified Developer	September 2021
• Data Analysis with Pandas and Python	September 2022
• Web Scraping with Python using Scrapy Splash Selenium	December 2021

### ACTIVITIES

Building APIs and hosting them as a service (eximia.one)	2022 — Present
JunctionX Hackaton Budapest (Pos 3)	Fall 2020
Python Hackathon Smart Energy Management (Pos 2)	Summer 2020
Google Hash Code Top 400	2018