Milos **Ojdanic**

Data Science | Software Engineering | Quality Assurance

─── **About me** ───

Converging towards simplicity. Passionate about science, discoveries, and implementations of working solutions. Curious about many disciplines from day to day. Live in harmony with nature and water it with green technology.

─── **Contact** ───

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R⁶ Research Gate: Milos Ojdanic

iD ORCID: 0000-0001-8213-3381

🚗 Car Available, Driving License B

👤 Born on 23/04/1996

─── **Languages** ───

🇬🇧 English - Professional Language

🇮🇹 Italian - Basic Knowledge

🇩🇪 German - Basic Knowledge

🇲🇪 Montenegrian - Native Knowledge

─── **Personal web-page** ───

https://ojda22.github.io/milos-ojdanic/

🎓 EDUCATION

2019-Ongoing	**PhD Degree** *SnT, University of Luxembourg*	📍 Luxembourg City
2018-2019	**Master Degree** *Malardalen University* **Degree: Master in Software Engineering**	📍 Vasteras, Sweden
2017-2018	**Specialisation Degree** *Mediterranean University* **Degree: Specialisation in Software Engineering**	📍 Podgorica, Montenegro
2014-2017	**Bachelor Degree** *Mediterranean University* **Degree: Bachelor in Information Technology**	📍 Podgorica, Montenegro

💼 WORK EXPERIENCE

2019-Today	**Doctoral Researcher** *Interdisciplinary Center for Security Reliability and Trust* The project aims to improve the testing process at PayPal, focusing on three aspects: selecting high-quality tests, selecting and prioritizing tests to execute for a code change.	📍 Luxembourg City
2017-2018	**Full-Stack Software Engineer** *CoreIT* Coreit leads many IT projects in Montenegro for different customers, big public and private companies, financial institutions and service providers. We built system integration services for banking processes, including their application architecture, development, software integration and database management system (DBMS) administration.	📍 Podgorica, Montenegro
2016-2017	**Software Developer** *Robotdalen (Student intern)* I had the opportunity to work on the development of an internal project-management solution as a student intern. The tool aimed to ease the SCRUM development practice by back-log tracking and easy access to user cards.	📍 Vasteras, Sweden

📖 PUBLICATIONS

Journal Article 2022	**Mutation Testing in Evolving Systems: Studying the relevance of mutants to code evolution**, *ACM Transactions on Software Engineering and Methodology*, doi 10.1145/3530786
Journal Article 2022	**On the use of commit-relevant mutants**, *Empirical Software Engineering*, doi 10.1007/s10664-022-10138-1
NIER Article 2022	**Keeping Mutation Test Suites Consistent and Relevant with Long-Standing Mutants**, *arXiv pre-print version available*, doi 10.48550/arXiv.2212.11762
Conference Proceedings 2022	**Change-Aware Mutation Testing for Evolving Systems**, *ESEC/FSE - ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering*, doi 10.1145/3540250.3558911
Journal Article 2021	**Cerebro: Static Subsuming Mutant Selection**, *IEEE Transactions on Software Engineering*, doi 10.1109/TSE.2022.3140510
Conference Proceedings 2020	**Commit-Aware Mutation Testing**, *IEEE International Conference on Software Maintenance and Evolution (ICSME)*, doi 10.1109/ICSME46990.2020.00045

Soft Skills and Strengths

Curiosity | Flexibility | Reliability

Ability to Plan and Organize | Autonomy

Adaptability | Eye for Details | Problem Solving

Team Working | Love Learning New Things

Leadership | Good Communication

Managing Information | Diplomacy

Good Listener | Patience

Professional Skills

Enterprise Software Development

Data Engineering | Data Processing

Machine-Learning | Software Integration

Software Maintenance | Software Evolution

Software Testing | Mutation Testing

Graph Neural Networks

Other Interests

- Piano 🎹
- Chess ♞
- Books 📚
- Poetry 📚
- Travels 🧭
- Movies 🎥
- Hiking 🧭
- Cycling 🧭
- Gym 🏋
- Maintaining Blogs (check my webpage) ⛵

Achievements

Winner of Handball Championship, National League of Montenegro, 2013

Winner of Handball Cup, National Cup of Montenegro, 2013

National Gold Medal Winner, Mediterranean Handball Championship, Hammamet, Tunisia 2013

National Gold Medal Winner, Balkan Handball Championship, Sofia, Bulgaria 2012

Trophy for the Best right back, Balkan Handball Championship, Sofia, Bulgaria 2012

Download My CV

Download my CV via the QR below ⌲.

📖 ACADEMIC PEER REVIEWS and COMMITTEES

As a Shadow Committee Member I peer reviewed for the following conferences:

- **MSR**, The 19th International Conference on Mining Software Repositories, 2022;

I participated as a chair for the following conferences:

- **Student Volunteer Chair**, The 37th International Conference on Software Maintenance and Evolution, 2022;

</> SKILLS

- **Python**
- **Java**
- **Java EE**
- **Quarkus**
- **Pytorch**
- **Scikit Learn**
- **PyGeometric**
- **Graph Neural Networks**
- **Conda**
- **Shell Programming**
- **Unix Systems**
- **Matplotlib**
- **Seaborn**
- **R**
- **Pandas**
- **PyCharm**
- **IntelliJ**
- **HPC**
- **SLURM**
- **Docker**
- **RESTful WebServices**
- **Oracle**
- **Postgres**
- **MySql**
- **AWS**
- **MS Office**
- **GitLub**
- **JUnit**
- **Jenkins**
- **Virtualisation**
- **Video Editing**
- **LaTeX**

✺ CERTIFICATES and RECOGNITION

- Red Hat Enterprise Application Development
- JBoss Business Process Management
- Oracle Professional Java Programmer I and II
- Stanford CS224W: Machine Learning with Graphs
- TAROT Summer School on Software Testing
- Oxford Machine Learning Summer School
- Best Student Volunteer Award, IEEE International Conference on Software Maintenance and Evolution
- 1st Intervention Team Member, IESC FormaLux
- First Aid Certification, IESC FormaLux