

Mia Doričić

- miadoricic.github.io

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- yannolle.itch.io

Skills

- **Programming:** C / C++ / C# / Python / Bash
- **System Software:** Node.js, Docker, Podman, Kubernetes, Ansible, Azure Storage, Firebase
- **Markup:** Markdown, reStructuredText, HTML/CSS
- **3D graphics:** Unreal Engine (versions 4 and 5), Unity, Blender
- **Audio/video:** Nuendo, Audacity, Sony Vegas (Pro), FL Studio
- **Other:** Arduino IDE, ESP32 microcontrollers and sensors
- **General:** Linux, Windows, Adobe Photoshop, GIMP, Microsoft Office (Word, Powerpoint, Excel and Sharepoint)

Education

Bachelor of informatics (univ. bacc. inf.), Department of Informatics,

2018 – 2021

University of Rijeka

- Undergraduate thesis: [Shading optimization techniques in Unreal Engine](#) (mentor: [Dr. Vedran Miletić](#), Assistant Professor)
- **Student assistant (mentor: [Dr. Vedran Miletić](#), Assistant Professor):**
 - [Code optimization](#) course for YUFE students (developed assignments for exercises and homework)
 - [Parallel programming on heterogeneous systems](#) for undergraduate students of informatics (preparation of teaching materials using the AMD ROCm platform and its libraries (rocPRIM, rocRAND rocBLAS, rocSOLVER etc.) and internal guide for using the Vulkan API for graphics and compute)
 - Hands-on experience using the local High Performance Computing (HPC) systems (Supercomputer *Bura*)
- **Science popularization activities:**
 - Participation in the programme of [Festival of science](#) 2019 (9th April 2019): Demonstration of virtual reality and computational chemistry tools (mentor: [Dr. Vedran Miletić](#), Assistant Professor; [Computer Networks, Parallelization, and Simulation Laboratory – CNPSLab](#))
 - Participation in the programme of [European researcher's night](#) 2018 (28th September 2018): *Microscope vs. supercomputers in pharmacy (supercomputers are 21st century microscopes)* (mentor: [Dr. Željko Svedružić](#), Assistant Professor; [Biomolecular Structure and Function Group – BioSFGGroup](#))
 - Speaker at [Document Freedom Day \(DFD\)](#) 2017 celebration at University of Rijeka (27th March 2017): *reStructuredText: plain text, only structured*
- **Certifications:**
 - [Veleri-OI IoT School](#) 2021. educational programme (8th October 2021): creation of dynamic web applications, data bases and systems using the Arduino programming environment

Experience

Technical Lead – Everseen, remote

October 2022 – present

- Perform extensive troubleshooting regarding log investigation, hardware/software issues
- Administrate Docker/Podman services in Production
- Install and configure the Everseen AI alerting solution
- Monitor and ensure all services are properly running

- Travel on-site to provide full support to clients during the onboarding/ROI phase; UAE (Dubai), Poland (Warsaw)
- Establishing and maintaining strong client relationships through effective communication and understanding of their unique needs
- Provide support on technical topics (e.g. cameras, POS integrations, servers, networking) implement client specific integration
- Monitor and complete integration and solution tests
- Closely collaborate with people on the team

IT Support - University of Rijeka, *Sveučilišni informatički centar*

December 2021 – August 2022

- Planning, implementation and maintenance of hardware and software
- Audio and video support during events at the University

Freelance jobs

2020 – 2021

- Created several game levels for two video games in Unity
- Created an application for kindergarten-level children in Unity

Awards

- 2nd place in [Global Game Jam Rijeka CRO 2023](#) video game creation competition (3-5th February 2023)
- 3rd place in [Realizator](#) 2018 business case study competition (3rd December 2018)

Languages

- Croatian (mother tongue)
- English (fluent)

References

- **Dr. Vedran Miletić**, Assistant Professor, Faculty of Informatics and Digital Technologies, University of Rijeka, Rijeka, Croatia. Contact: vedran@miletic.net

Hobbies

- **Video game design:** In my spare time I develop video games for practice using Unreal Engine 4 editor. Some of the current practice projects can be found on my [itch.io](#) account.
- **Music:** In my free time I like to make covers of songs that I produce and edit myself. From 2008 – 2016 I've been an active member of a professional singing ensemble *Putokazi*, where I learned a lot about team work and organization, and also went on to perform in several cities of China and throughout the whole of Croatia

Personal information

- **Date of birth:** 5th of August, 1997
- **Address:** Marohničeva ulica 2, Rijeka 51000, Croatia