



Vladimir Ivanovic

📍 **Work** : Cetinjski put 2, 81000, Podgorica, Montenegro

✉ **Email**: ivanovic234@gmail.com **Gender**: Male

📅 **Date of birth**: 13/07/1993

ABOUT ME

I am working in algebraic topology and geometry. At the moment my special interest is focused on the algebraic torus action. I am currently finishing the PhD thesis at University of Montenegro.

WORK EXPERIENCE

[01/10/2020 – Current]

University teaching assistant

University of Montenegro, Faculty of natural sciences and mathematics

City: Podgorica

Country: Montenegro

List of teaching subjects:

- Geometry of the plane and the space
- Algebra II
- Algebra III
- Introduction to logic
- Measure theory
- Mathematics on Faculty of Architecture
- Mathematics I on Faculty of Construction (09.2020-10.2021)

[01/09/2018 – 01/09/2020]

University teaching assistant

University of Donja Gorica

City: Podgorica

Country: Montenegro

List of teaching subjects:

- Algebra
- Mathematics in Economics

[11/01/2018 – 01/10/2020]

Big Data Analyst

T-Mobile

City: Podgorica

Country: Montenegro

[20/05/2017 – 10/01/2018]

Software developer

Mbanq.

City: Osijek

Country: Croatia

SQL / C# / .NET Developer

[10/01/2016 – 10/08/2016]

Software developer

OTP bank

City: Podgorica

Country: Montenegro

Internship

EDUCATION AND TRAINING

[01/02/2021 – Current]

PhD of Mathematics

University of Montenegro <https://www.ucg.ac.me/>

City: Podgorica

Country: Montenegro

[01/09/2017 – 10/02/2019]

MS of Mathematics

University of Montenegro <https://www.ucg.ac.me/>

City: Podgorica

Country: Montenegro

[01/09/2016 – 01/03/2017]

MS of Mathematics

University of Graz <https://www.uni-graz.at/de/>

City: Graz

Country: Austria

[01/09/2015 – 10/07/2016]

Spc of Mathematics

University of Montenegro <https://www.ucg.ac.me/>

City: Podgorica

Country: Montenegro

[01/09/2012 – 10/06/2015]

BSc of Mathematics

University of Montenegro, Faculty of Science and mathematics <https://www.ucg.ac.me/>

City: Podgorica

Country: Montenegro

PROJECTS

[01/02/2021 – Current]

PhD thesis, Homology of the complex Grassmannian, University of Montenegro

Passed exams:

- Lie algebra and Lie groups
- Real and complex analysis

I am writing the doctoral thesis under the mentorship of Prof. Sijetlana Terzic on the topic of algebraic topology and combinatorics. It is considered the canonical action of the compact torus on the complex Grassmann manifold $G(n,2)$, specifically for $n=4,5,6$.

[10/01/2019 – 10/09/2019]

Master thesis, "Cohomology of a GKM graphs" , 2019, University of Montenegro

The Master thesis was defended at University of Montenegro under the mentorship of Prof. Sijetlana Terzic.

LANGUAGE SKILLS

Mother tongue(s): Montenegrin

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C2

German

LISTENING B1 READING B2 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

matlab, mathematica | programming: Python, MATLAB and SQL | R, R-instant, R-Studio
| C, C++, C#

HONOURS AND AWARDS

[01/09/2017] **Erasmus+ Grant for Western Balkan Awarding institution:** European Commission

Erasmus+ Grant for 8 months for studying at University of Graz.