Nevena Pivač

Personal Data

Address	Cesta na Markovec 3, 6000 Koper, Slovenia
Phone	+386 70743003
E-mail	nevena.pivac@iam.upr.si
	nevena.pivac@gmail.com
Date of birth	April 16,1994

Education

Oct 2017 - (ongoing)   **PhD student of Mathematics**, *University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies (FAMNIT)*, Koper, Slovenia.

Oct 2016 - (ongoing)   **Master student of Computer Science**, *University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies (FAMNIT)*, Koper, Slovenia.

Oct 2015- Sep 2017   **Master in Mathematics**, *University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies (FAMNIT), Koper, Slovenia.*

Master thesis: The University Timetabling Problem - Complexity and an Integer Linear Programming Formulation: a Case Study of UP FAMNIT, under the supervision of Assoc. Prof. Martin Milanič.

Average: 10/10.

Oct 2012- June 2015   **Bachelor in Mathematics**, *The University of Primorska,Faculty of Mathematics, Natural Sciences and Information Technologies (FAMNIT),Koper, Slovenia.*

Thesis about Pythagoreah-Hodograph curves, under the supervision of Assoc. Prof. Vito Vitrih.

Average: 9.86/10.

2008- 2012   **High School Gimnasium**, *Gradiška, Bosnia and Herzegovina.*

Average: 5/5.

Work experience

Oct 2017– (ongoing)	**Young Researcher**, *University of Primorska*, Institute Andrej Marušič, Koper, Slovenia.
Feb 2017– Aug 2017	**Application developer**, *Dinit Card Services d.o.o.*, Izola, Slovenia.
Oct 2015– Oct 2017	**Mathematics teacher**, *Academus d.o.o* , Koper, Slovenia.
July 2016	**Internship EDIT 2016 – application developer**, *Comtrade*, Banjaluka, Bosnia and Herzegovina.
Oct 2014– Oct 2015	**Mathematics teacher**, *Students' Association of Koper Municipality*, Koper, Slovenia.

Languages

Serbian	Native language	
Slovenian	Fluent	*Speaking, reading, writing*
English	Fluent	*Speaking, reading, writing*
German	Basic	*Basic words and phrases only*
Spanish	Basic	*Basic words and phrases only*

Computer skills

Knowledge of Microsoft Office: Word, Excel, Power Point.

Programming software: Java, Python, C, C#, C++.

Web-desing programming software: Angular, HTML, CSS, Microsoft.NET.

Mathematical software: LaTeX, Matlab.

Databases software: SQL, MySQL.

Optimization software: Zimpl, Gurobi.

Teaching

2018/2019	Teaching assistant, *Analysis I (in English)*, University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies (FAMNIT).
2017/2018	Teaching assistant, *Analysis I (in English)*, University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies (FAMNIT).

Research interests

Structural graph theory, graph classes

Algorithmic graph theory

Combinatorial optimization

Integer linear programing

Talks

Dec 4th, 2018	*The University Timetabling Problem*, *Seminar talk,University of Graz, Graz, Austria*.

Oct 29th, 2018	*On the End-Vertex Problem*, *Mathematical Research Seminar, University of Primorska, Koper, Slovenia*.
July 10th, 2018	*On the End-Vertex Problem*, *Conference ICGT, Lyon, France*.

Research visits

University of Graz, Graz, Austria, December 2018 (host: Joachim Schauer)

Brandenburg University of Technology Cottbus-Senftenberg, Cottbus, Germany , October 2018 (host: Ekkehard Kohler)

Brandenburg University of Technology Cottbus-Senftenberg, Cottbus, Germany , January 2018 (host: Ekkehard Kohler)

Conferences and Summer Schools

ICGT 2018	10th International Colloquium on Graph Theory and Combinatorics, July 2018, Lyon, France
	Accepted and presented abstract "On the end vertex problem"
WG 2018	44th International Workshop on Graph-Theoretic Concepts in Computer Science Cottbus, June 2018, Germany
BA80-DM65 2018	Graphs, groups, and more: celebrating Brian Alspachś 80th and Dragan Marušič 65th birthdays, May 2018, Koper, Slovenia
ROGLA 2017	7th PhD Summer School of Discrete Mathematics, July 2017, Rogla, Slovenia
ECCO 2017	Joint EURO/ORSC/ECCO Conference on Combinatorial Optimization, May 2017, Koper, Slovenia
StES 2016	International Conference Students Encountering Science, September 2016, Banja Luka, Bosnia and Herzegovina
	Published paper "Characterization of polynomial spatial Pythagorean-Hodograph curves"
MATCOS-2016	Middle-European Conference on Applied Theoretical Computer Science, May 2016, Koper, Slovenia

Awards and Honors

2018	Award for extraordinary student's results in 2018, University of Primorska
2017	Award for extraordinary student's results in 2017, University of Primorska
2012-2017	University of Primorska scholarship for successful students
2013-2015	Scholarship of Fund "dr. Milan Jelić" for most successful students of Bosnia and Herzegovina studying abroad