

KONTAKNTE
INFORMACIJE
CONTACT
INFORMATION

Urh Primožič
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FORMALNA
IZOBRAZBA

Naziv: diplomirani matematik (UN)
Title: Bachelor of Mathematics (UN)

FORMAL EDUCATION

Fakulteta za matematiko in fiziko, Univerza v Ljubljani

2022 –

Faculty of Mathematics and Physics, University of Ljubljana

- Magisterij iz matematike (zaključujem magistrsko nalogo)
I am currently finishing my Master's thesis

Fakulteta za matematiko in fiziko, Univerza v Ljubljani

2019 – 2022

Faculty of Mathematics and Physics, University of Ljubljana

- Dodiplotski študij matematike
Bachelor's degree in Mathematics
- Fakultetna Prešernova nagrada za diplomsko delo
Won Prešeren's price for Bachelor's thesis

DELOVNE
IZKUŠNJE

WORK EXPERIENCE

Lumitech

2025

- Razvoj sistema za avtomatski monitoring obrabe strojev
Developing autonomous monitoring system for factories with multiple machines

Sinergise

2023

- Razvoj modela za avtomatsko zaznavo senc na satelitskih posnetih s strojnim učenjem
Developing a model for automatic cloud shadow detection on aerial images using machine learning

Inštitut za matematiko, fiziko in mehaniko

2022

Institute of Mathematics, Physics and Mechanics

- Raziskovanje tvorjenja enačb z verjetnostnimi gramatikami
Research of equation-generating probabilistic grammars

Inštitut Jožef Stefan - Oddelek za tehnologije znanja

2020 –

Jozef Stefan Institute - Department of knowledge technologies

- Razvoj in analiza algoritmov rangiranja značilk
Research and development of new feature-selection algorithms
- Razvoj algoritma FRANe
Development of FRANe

Drugo: Delo na višini, inštrukcije, učitelj plezanja, gozdarstvo**Other: Construction work at heights, tutoring, trainer of sport climbing, forestry**

PROJEKTI

PERSONAL PROJECTS

- Mobilna igra Becka
Shep mobile game. Defold, lua, Android
2025
- Računalniška igra Backgammon
Backgammon video game. Java, monte-carlo.
2020
- Računalniška igra Deserter
Deserter video game. JavaScript.
2019

OBJAVE
PUBLICATIONS

Primožič U., Škrlj B., Džeroski S., Petković M. 2021, **Unsupervised Feature Ranking via Attribute Networks**, lecture Notes in CS, v12986. Springer

Primožič U., Petković M., Todorovski L. 2022 **Probability of deriving an algebraic expression with a probabilistic context-free grammar**, formal languages and automata theory

Primožič U. 2024, **P(izraz—gramatika)**, zbornik konference slovenskih matematikov 2023, DMFA

ZNANJA
SKILLS

Programski jeziki: Python (Pandas, Numpy, sk-learn, pytorch, pygame, ..), Lua, JavaScript, Agda, Ocaml, Lean, Java (osnove), C++ (osnove), GAP (osnove)

Programming Languages: Python (Pandas, Numpy, sk-learn, pytorch, pygame, ..), Lua, JavaScript, Agda, Ocaml, Lean, Java (basics), C++ (basics), GAP (basics)

Programska oprema: Windows, Linux, Wolfram Mathematica, Defold, Matlab (osnove), Gimp, Google Play Console, Google Cloud (osnove)

Software: Windows, Linux, Wolfram Mathematica, Defold, Matlab (basics), Gimp, Google Play Console, Google Cloud (basics)

Raziskovalna področja: strojno učenje, diskretne strukture, verjetnost v strojnem učenju, računalniška matematika

Past research interests: machine learning, discrete structures, probability in machine learning, computer mathematics

Vozniško dovoljenje: AM, A, B, F, G

Driving licence: AM, A, B, F, G

JEZIKI
LANGUAGES

Slovenščina: Materni jezik

Slovenian: First language

Angleščina: Tekoče

English: Fluent

Nemščina: Osnove

German: Basics

Španščina: Osnove

Spanish: Basics

PROSTOVOLJSTVO
VOLUNTEERING

Član Društva gorske reševalne službe Tržič

Member of Mountain Rescue Service Tržič

Načelnik alpinističnega odseka Tržič

Head of the alpinistic association Tržič

Prostovoljna učna pomoč v Mladinskem centru Tržič

Pro bono tutoring of socially disadvantaged children.

ALPINIZEM
ALPINISM

Kategoriziran športnik pri Olimpijskemu komiteju Slovenije

Perspektivni razred 2024 - 2026

Categorized athlete at the Olympic Committee of Slovenia

Najperspektivnejši alpinist Slovenije v 2024

Best young Slovenian alpinist of 2024

Smeri

Routes

- **Črna Wolga**, 7a, 1700m, Kotina 4810m, Kirgizistan, Andrej Jež, Urška Kešar
- **Italian route**, 7a M4, 700m, Saint-Exupery 2550m, Patagonija, Martin Belhar
- **Beyond good and evil**, ED2 M6, 600m, Aiguille des Pelerins 3318m, Francija, Andrej Jež
- **Spominska smer Grege Lačna**, IX–, VII – VIII, 500m, Triglav 2864m, Jakob Šparovec
- **Pik Sibirije**, Severni greben, IV+, II – III, Kirgizistan, solo