

## PERSONAL INFORMATION

## Ivica Pavičić

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## WORK EXPERIENCE

04/11/2014–01/04/2016

**Project Assistant**

Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb, Zagreb (Croatia)

- collecting geological data in the field
- drawing different types of geological maps in GIS software (ESRI ArcGIS, QGIS)
- 3D geological modeling

04/04/2016–Present

**Assistant**

Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb, Zagreb (Croatia)

- teaching lab and field exercises in: Introduction to Geology, Earth System History, Seismotectonics and Regional Geology
- working on different scientific and industry projects of which stand out:
  - Mapping and Assessment of Geothermal Plays in Deep Carbonate Rocks – Cross-domain Implications and Impacts (HotLIME) – GeoERA; Horizon 2020
  - 2018-2022 - scientific project of Croatian Science Foundation - Research of recent regional and local geodynamic processes in the Republic of Croatia using modern satellite geodetic methods. Project leader: Prof. Boško Pribičević, PhD.
  - 2018. – 2023 - scientific project of Croatian Science Foundation - Impact of specific surface area on hydrogeological properties of loess deposits and loess-derived soils in eastern Croatia. Project No. UIP-2017-05-9435. Project leader: Kosta Urumović, PhD.
  - 2014. - 2018. - scientific supports of University of Zagreb - „Climate changes and tectonic activity in Neogene and Quaternary time: correlation of continental and coastal region of Croatia“ Project leader: prof. Davor Pavelić, PhD.

01/03/2019–01/10/2019

**Postdoctoral Researcher**

Comenius University in Bratislava, Bratislava (Slovakia)

- Structural analysis
- 3D geological modeling of gold-bearing veins

## EDUCATION AND TRAINING

2008–2012

**Bachelor's degree - Engineer Geological Engineering (abbreviation: univ.bacc.ing.geol.)**

Faculty of Mining, Geology and Petroleum Engineering, Zagreb (Croatia)

Bachelor Thesis: "Time-structure contour map of the base of PlioQuaternary strata in the western part of Sava Depression based on reflection seismics".

2012–2014

**Master of Geological engineer (abbreviation: mag.ing.min.)**

Faculty of Mining, Geology and Petroleum Engineering,, Zagreb (Croatia)

- Master Thesis: "Regional geological and hydrogeological settings in the Žumberak and Samoborsko gorje Mts. with spetal emphasis on groundwater reserves" (Supervisor: prof. Ivan Dragičević, PhD)
- The most successful student generation of 2012/2013;
- AAPG European Region acknowledgment for recognizing excellent participation in IBA Competition 2014;
- Certificate of Appreciation for Promoting the Reputation of the Faculty (2x)
- Dean's Award for Excellence (Average of grades 5.0) 2012/2013
- Dean's Award for Excellence (Average of grades 5.0) 2013/2014
- Rector's Award 2012/2013 for the thesis: "The tectonic evolution of the western part of the Sava Depression"
- Scholarship for „Best student” project - Ina and Jutamji List 2012/2013

2014–2018 **PhD in Geology**

Faculty of Mining, Geology and Petroleum Engineering,, Zagreb (Croatia)

PhD Thesis: "Origin, Spatial distribution and quantification of porosity in Upper Triassic dolomites in Žumberak Mts." (Supervisors: prof. Ivan Dragičević, PhD; prof. Tatjana Vlahović, PhD)

PERSONAL SKILLS

Mother tongue(s) Croatian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Job-related skills

- structural geology
- 3D geological modeling
- Fracture modeling (DFN)
- raw mineral deposit modeling
- Seismic interpretation
- Field work

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- ESRI ArcGIS, Schlumberger Petrel, Midland Valley Move, AutoCAD, Bentley MicroStation, MatLAB, Microsoft Office software package, Adobe Photoshop and Illustrator

Driving licence B