curriculum vitae

PERSONAL INFORMATION

Surname	**Bratic**
Name	**Gorica**
Address	**Dusana Danilovica 12, 21000 Novi Sad, Serbia**
Telephone	**(+39)3270561282**
E-mail	**gorica.bratic@polimi.it,** **gorica.bratic@yahoo.com**
Skype	**gogamashina**
Nationality	Serbian
Date of birth	18/12/1992

Work experience, stages, studies abroad

Date (from – to)	**16/06/2018–ongoing**
Name and address of firm/university	Politecnico di Milano - Department of Civil and Environmental Engineering, Piazza Leonardo da Vinci 32, 20133 Milano (MI), Italy
Type of business or sector	University
Type of employment	Temporary research fellow
Main activities and responsibilities	Research activity within giCASES project: developing new tools for co-creation of knowledge between industry and university in the geographic information sector Research activity within PRIN project: Urban Geo-Big Data

Date (from – to)	**25/04/2017–30/06/2017**
Name and address of firm/university	Geomatics Research & Development srl, Via Cavour 2, 22074 Lomazzo (CO), Italy
Type of business or sector	Research
Type of employment	Intern
Main activities and responsibilities	Research of scientific articles about Earth gravity, Earth structure and geophysical methods of exploration Extraction of the seismic profiles from the scientific papers Georeferencing the extracted profiles using Open Source GIS software QGIS Assisting staff of the company during the analysis of the results

Education and training

PhD

Date (from – to)	2018 - ongoing
Name and type of organisation providing education and training	Politecnico di Milano, Como (Italy)
Duration of the program of study	8 semesters/ 2 academic years
Principal subjects/occupational skills covered	Geographic Information Systems (GIS) Remote sensing Satellite Navigation and Monitoring Geophysical Prospecting Hydraulic Engineering and River Basin Reclamation and Management Natural Resource Management Modelling and Simulation
Title of qualification awarded	Environmental Engineer
Final mark obtained	108/110

Master of Science in Environmental and Geomatic Engineering (120 ECTS)

Date (from – to)	September 2015 – April 2018

Name and type of organisation providing education and training	Politecnico di Milano, Como (Italy)
Duration of the program of study	8 semesters/ 2 academic years
Principal subjects/occupational skills covered	Geographic Information Systems (GIS)
	Remote sensing
	Satellite Navigation and Monitoring
	Geophysical Prospecting
	Hydraulic Engineering and River Basin Reclamation and Management
	Natural Resource Management
	Modelling and Simulation
Title of qualification awarded	Environmental Engineer
Final mark obtained	108/110

Bachelor in Environmental Engineering (240 ECTS)

Date (from – to)	September 2011-July 2015
Name and type of organisation providing education and training	Faculty of Technical Sciences, University of Novi Sad, Novi Sad (Serbia)
Duration of the program of study	8 semesters / 4 academic years
Principal subjects/occupational skills covered	Solid Waste Management
	Sustainable Use of Natural Resources and Environmental Protection System,
	Renewable Energy Sources,
	Monitoring of the Environment,
	Environmental Data Analysis
Title of qualification awarded	Environmental Engineer
Final mark obtained	9.2/10

Technical skills and competences

With computers, specific kinds of equipment, machinery, etc.

Technical skills: Python
Operating Systems: Windows, Linux
Software: QGIS, GRASS GIS, ArcGIS, ENVI, SNAP, MS Office

Publications and articles submitted

Bratic, G., Brovelli, M. A., and Molinari, M. E. (2018) A free and open source tool to assess the accuracy of land cover maps: implementation and application to Lombardy region (Italy), Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-3, 87-92, https://doi.org/10.5194/isprs-archives-XLII-3-87-2018.

Bratic, G., and Molinari, M. E., Brovelli, M. A. (2018, in press) Validation of the global high-resolution GLOBELAND30 land cover map in Europe using land cover field survey database – LUCAS), Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci.

Kilsedar C.E., Bratic G, Molinari M.E., Minghini M., Brovelli M.A. (2018) Open educational resources for the validation of global high-resolution land cover maps. PeerJ Preprints 6:e27214v1 https://doi.org/10.7287/peerj.preprints.27214v1.