Curriculum vitae

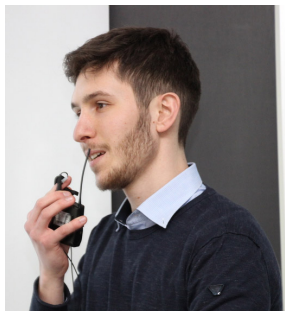## PERSONAL INFORMATION

# Stucchi Lorenzo

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ⓘD ORCID 0000-0001-9233-4531

Gender Male | Date of birth 20 March 1995 | Nationality Italian

## WORK EXPERIENCE

**Jun 2020 – present**

### Research Fellow
Politecnico di Milano, Milano (Italy)
Design and testing of mapping methods for accessibility of pedestrian ways inside the project ViaLibera?!

**Jul 2020 – Sep 2020**

### Term-contract worker
Politecnico di Milano, Milano (Italy)
Definition of the guidelines for mapping the accessibility

## EDUCATION AND TRAINING

**2017 – Apr 2020**

### Master of Science in Environmental And Land Planning Engineering
ISCED 0712

Master's thesis: "Mapping the accessibility in OpenStreetMap: a comparison of different techniques"
Final mark: 104/110
Politecnico di Milano, Milano (Italy)

**2014 – Sept 2017**

### Bachelor of Science in Environmental And Land Planning Engineering
Bachelor's thesis: "An algorithm for automating the calculation of displacements of the Belvedere glacier (Macugnaga - VCO) with images acquired by drone"
Final mark: 104/110
Politecnico di Milano, Milano (Italy)

## PERSONAL SKILLS

Mother tongue | Italian

Other languages

| UNDERSTANDING | | SPEAKING | | WRITING |
|---|---|---|---|---|
| Listening | Reading | Spoken interaction | Spoken production | |
| B2 | B2 | B2 | B2 | B2 |
| Cambridge English First (FCE) Test of English for International Communication (TOEIC) | | | | |

English (row label for the data rows above)

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

| Digital competences | SELF-ASSESSMENT | | | | |
|---|---|---|---|---|---|
| | Information Processing | Communication | Content creation | Safety | Problem solving |
| | Proficient user | Proficient user | Proficient user | Independent user | Independent user |

Digital competences - Self-assessment grid

**Driving licence**  B

**Computer skills**
− competent with different Operating Systems (Windows, MacOS and Linux)
− experience with different programming languages (Python, MATLAB, LaTeX, HTML, Javascript and CSS)
− ability with the use of GIT protocol (GitHub, GitLab, GitKraken)

## ADDITIONAL INFORMATION

### OpenStreetMap contributor

**2017 – present**  Organization of several mappathons involving from companies such as BlackRock to elementary and middle school kids. Organised in collaboration with PoliMappers and WikiMedia Italia. At the link an updated list of the activities I carry out in the world of OpenStreetMap. https://wiki.openstreetmap.org/wiki/User:LorenzoStucchi

**Feb 2020**  Second seminar inside the course for teachers organized by WikiMedia Italia. The course is recognised by the MIUR (Italian Ministry of Education). The seminar has the topic of the use of Humanitarian Mapping in OpenStreetMap with elementary and middle school student. https://www.wikimedia.it/formazione-docenti/modulo-c/

### Wikimedia Italia

**Jan 2020 – present**  Coordinator for OpenStreetMap for Lombardy Region: point of reference for the association regarding OpenStreetMap in Lombardy. The primary objective is to encourage the activities of the members and the formation of groups of volunteers active locally.

**Mar 2018 – present**  Member of Wikimedia Italia for promotion of open culture.

### PoliMappers

**Dec 2018 – Dec 2019**  Vice President: organisation of different mapathon also with the collaboration of other chapters of YouthMappers (Geolab UdeA (Colombian), UGB (Senegal), ...). Promotion of the mapathon about the deforestation in collaboration with PoliMi GeoLab and Resilient GAP (Politecnico di Milano student association). The works was finalised with the presentation, in collaboration with the ESA Climate Office, of the *Climate Mapathon* at Living Planet Symposium 2019 organised by the European Space Agency (ESA).

**Nov 2016 – Dec 2018**  Treasurer: financial and logistic management for the organization of the monthly event of the group.

**Nov 2016 – Apr 2020**  Member and Co-founder of the volunteer students' group based at Politecnico di Milano, part of the YouthMappers network.

### OpenStreetMap Foundation

**Dec 2018 – present**  Member of the association for the promotion of the OpenStreetMap project.

### Courses participation

**Apr 2019**  Humanitarian Collaborative Mapping course. The aim of the course is to demonstrate, with practical applications (mapathon), the importance of collaborative mapping in humanitarian projects. https://bestr.it/award/show/a06d4141cfa825c1456a28a3fb4823ea0e2572c6

**Jul 2017**  Design and realisation of photogrammetric survey from drone and image processing to reconstruct a 3D model using the PhotoScan software. Held in the 2017 Summer School of the Politecnico di Milano.

### Honours and awards

**Sep 2018**  Honorary winner of #ExploreOutdoors18 contest by Mapbox https://blog.mapbox.com/how-we-explored-outdoors-3d2f55d4ba9c

## PUBLICATIONS

[1] **Lorenzo Stucchi**. "Mapping the accessibility in OpenStreetMap: a comparison of different techniques." Master's Thesis. Apr. 2020.

[2] **Lorenzo Stucchi**, Ludovico Biagi, and Maria Brovelli. "MAPPING THE ACCESSIBILITY IN OPENSTREETMAP: A COMPARISON OF DIFFERENT TECHNIQUES". In: XLIII-B4-2020 (Aug. 2020), pp. 229–236.

[3] **Lorenzo Stucchi**. "Un algoritmo per l'automatizzazione del calcolo degli spostamenti del ghiacciaio Belvedere (Macugnaga - VCO) con immagini acquisite da drone." Bachelor's Thesis. Sept. 2017.

[4] Candan Kilsedar, Daniele Oxoli, Lorenza Sganzetta, Francesco Frassinelli, **Lorenzo Stucchi**, Marco Minghini, and Maria Brovelli. *PoliMappers: activities and objectives*. Feb. 2017.