




# HATEGEKIMANA Cyuzuzo Vestin

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Birth date : 07.07.1995

Nationality : Swiss

## Skills



### Programming languages:



### Other:

D3.js, HTML, CSS, Regex,  
Markdown, PowerShell,  
Git/hub

## Languages



## My interests

I have an interest in migration, mobility, and their representation.

In terms of methods, I use Bayesian statistic, text mining, web scraping, and network analysis.

I'm also developing project to improve web scraping in R and its interoperability with the Nim programming language.

## Basic training

2022 - currently  
**University of Geneva**  
**Faculty of Social Sciences**  
PhD in Demography

2020 - 2022  
**University of Geneva**  
**Faculty of Social Sciences**  
Master in Socioeconomics

2021 - 2022  
**University of Geneva**  
**Faculty of Social Sciences**  
Certificate in quantitative methods for Social Sciences

2017 - 2020  
**University of Geneva**  
**Faculty of Social Sciences**  
Bachelors of Arts in History - Economics - Society

## Professional experience

2021 (6 months)  
**Intern (50%)**  
**University of Geneva – faculty of economy and management**

2020 – 2021 (7 months)  
**Archivist's assistant (100%)**  
**State Archives of Geneva**

## Areas of interest

- Programming (Nim, R, Python and Julia)
- Music (guitar, bass and violin)
- Sport : Taekwondo

Vestin Hategekimana  
PhD candidate (Year 1)  
Institute of Demography and Socioeconomy  
University of Geneva

February 29, 2023

**Motivation Letter: Application for Barcelona Summer School of Demography (Module 4)**

This motivation letter states my interest in the **Module 4: Spatial Analysis with R** at your summer school. I would like to benefit from the quality of your courses, as I think that the Barcelona Center for Demographic Studies is one of the best places in Europe to learn demographic concepts with the R software.

Before starting my PhD in Demography this year, I finished a master's degree in Socioeconomics and completed it with a certificate in Quantitative Methods for Social Sciences. My training allowed me to develop a foundation in statistics, especially with the R language, and a foundation in demography. Your summer school is a great opportunity for me since I am still in the first year of my PhD and I need to learn new methods.

The theme of my thesis is the mobility of the foreign population in Switzerland in times of crisis using longitudinal methods that I want to combine with cartographic methods. I was able to follow longitudinal analysis courses on R during my studies. Unfortunately, I did not have the opportunity to take courses in spatial analysis and spatial visualization. It is why I am so interested in the Module 4.

I thank you for the attention you are giving to my application.

With my best regards,

Vestin Hategekimana