

Jonatan Blank Hall

✉ blankhall@ciencias.unam.mx

☎ +52 (998) 2446448

Education

Autonomous National University from Mexico

January 2023

Bachelor of Applied Mathematics

Average of 9.60 / 10

- Titling under the modality of thesis, carrying out the named work: *“Achieving the 17 Sustainable Development Goals within the 9 Planetary Boundaries”*.
- Capstone project: Quantitative methods for HIV Analysis

Technical Skills

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|-------------------------|------------------------|------------------------|
| • Quantitative Analysis | • Web Development | • R / RStudio |
| • Data Visualization | • Statistical Learning | • JavaScript |
| • Web Scraping | • Python | • Time Series Analysis |
| | | • Survival Analysis |

Professional Skills

CMEI: Centro Mexicano de Ecología Industrial (NGO)

October 2022 - Present

Internship

- Data mining projects on environmental issues to improve environmental impact assessment.
- Project Manager: [Daniel Itzamna Avila Ortega](#)

FABLE Mexico

January 2022 - August 2022

Social Service

- Developed a program to convert crop information in Mexico into a georeferenced map. This allows policies to be targeted at specific areas rather than national or state targets, which is potentially more efficient.
- Worked together with members of IIASA to transform Mexican national and subnational information into readable inputs for the *GLOBIOM* software.
- Project Leader: [Gordon McCord](#) ; Project Manager: [Fernanda Herrera](#)

Programming Courses

June 2021 - Present

Personal entrepreneurship

- [Online courses](#) which focus on teaching students of all ages and backgrounds programming skills. Most courses are introductory and focus on real-life applications.
- Programming languages taught include Python, R and JavaScript.
- This venture allowed financial freedom throughout my higher education.

Certifications

- [English Language](#). *December 2022*
- [German Language](#). *August 2019*
- [Intermediate Python](#) course offered by the School of Science and Technology of the National University of San Martin. *June 2021*