

PAULA SALAZAR, M.S.

pausalazar101@gmail.com

- Total undergraduate-level teaching experience: 5+ years

- Website <http://paulasalazarvasconez.weebly.com/>



EDUCATION

Oregon State University, Corvallis, OR, USA
Master of Science in Mathematics

September 2018 - July 2020

Thesis Title: Analysis and Comparison of Nomenclature of various Mathematical Objects in English and Spanish with a Language Diversity Perspective

Universidad San Francisco de Quito, Quito, Ecuador
Bachelor of Science in Mathematics.

August 2012 - May 2017

WORK EXPERIENCE

Colegio Alemán Deutsche Schule - Quito
Mathematics teacher

Agosto 2021- Current day

- German-Spanish bilingual teaching in classes 6-12
- Monolingual German teaching in classes 6-12

Universidad San Francisco de Quito
Instructor and T.A. for the Mathematics Department

September 2020- August 2021

Escuela Politécnica del Ecuador
Research assistant

September 2020- December 2020

- Determination of experimental magnetohydrodynamic data replicability using ANSYS 17.2 software.

Oregon State University
Graduate Teaching Assistant

September 2018- August 2020

Instructor: Calculus for Management and Social Sciences INTO Calculus for Management and Social Sciences, Section Directed Towards English Language Learners (ELLs) Graduate Teaching Assistant: Integral Calculus, Excel Section, Focused on Double Recitation Time College Algebra Business Calculus and Mathematics for Management, Life and Social Sciences

Universidad San Francisco de Quito
Instructor

September 2017- September 2018

- Linear Algebra Exercises Class
- Calculus II Exercises Class

Universidad San Francisco de Quito
Undergraduate Instructor

September 2015- September 2017

- Linear Algebra Exercises Class
- Calculus II Exercises Class

Centro de Modelización Matemática (MODEMAT)
Intern

June 2016- August 2016

- Programming: Image processing software using Python
- Machine Learning: Image data analysis for use in weather prediction

Actuaria Consultores Compañía Limitada.

June 2014- August 2014

Intern

- Development of Unemployment Table based on Ecuadorian Business' Data
- Analysis of Pension and Unemployment Funds
- Analysis of Latin-American Financial Health

Universidad San Francisco de Quito

January 2013 - August 2015

Teaching Assistant

- Discrete Mathematics: Prof. Carlos Jimenez Mosquera PHD.
- Lineal Algebra: Prof. Andrea Moreira PHD.

Institut für Anthropomatik und Robotik (IAR)

& Intelligente Prozessautomation und Robotik (IPR)

Karlsruher Institut für Technologie (KIT)-Kahrlsruhe, Germany

June 2011-August 2011

Intern

- Programming: Program elaboration in C, C++ & Matlab
- Workshop: Design and build of a silicone based 3D printer
- Workshop: Pro-Engineer parts and blueprints design

Web Design Experience

June 2016

Volunteer

- Web-page and image design for Fundación Ecuatoriana Equidad, an LGBTI non-profit foundation in Quito Ecuador

VIRTUAL TEACHING

- Microsoft: M.S. Teams, Microsoft Office 365, Sharepoint, OneNote, Forms, Office
- Apple: Onenote, Procreate, iMovie
- Zoom, interactive virtual and semi-virtual teaching
- Example of asynchronous class (Spanish) <https://youtu.be/t5iEcgpDt54>



LANGUAGE PROFICIENCY FOR MATHEMATICS INSTRUCTION

Spanish

Fluent (Native language)

Teaching experience: Universidad San Francisco de Quito

English

Fluent (IELTS Band 8)

Teaching experience: Oregon State University, OR, USA.

German

Fluent (Sprachdiplom Advanced-C1)

Teaching experience: Colegio Alemán: Deutsche Schule- Quito

COMPUTATIONAL EXPERIENCE

Análisis y Modelaje

MATLAB
R
AutoCAD
Excel
Stata

Software & Lenguajes

Teams Python
Zoom Java
MS Office C+
MS Projects L^AT_EX

PUBLICATIONS

Editorial Don Bosco, Quito

2015 - 2016

- Salazar, P. 2016. Matemática 8 EGB. Editorial Don Bosco. Quito. ISBN: 978-9978-71-988-6
- Salazar, P. Torres, S. 2016. Matemática Tercero de Bachillerato. Editorial Don Bosco. Quito. ISBN: 978-9978-71-989-3

SOFT SKILLS

- Bilingual and Monolingual Classroom Management
- Active Listening and Mediation
- Fast paced learning and flexibility
- Deadline Management

COURSES AND CERTIFICATIONS

- COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM) Human Research: Social / Behavioral Research Investigators and Key Personnel
Completion Date: 11-Dec-2019
Expiration Date: 10-Dec-2022
Record ID: 30330547
- University of Arizona: Rational Reasoning Pathways Precalculus Workshop. Dr. Marilyn Carlson, University of Arizona Dr. Thomas P. Dick, Oregon State University, Septiembre 2019
- Oregon State University SED 580: Research and Evaluation. Training on Institutional Review Board (IRB) and The Human Research Protection Program (HRPP) Research Proposals, Procedures, Philosophies, and Methods for protecting human participants in research efforts
- SHIFT Academy del Instituto IDEA de la USFQ: Curso de certificación en técnicas de enseñanza (30 h), Junio 2018

REFERENCES

Eduardo Alba, Ph.D
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Universidad San Francisco de Quito
Diego de Robles y Via Interoceánica Quito, Ecuador
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