

LEO VILLANI

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EDUCATION

University of California, Berkeley

BA Pure Mathematics and Data Science *GPA: 3.862*

Berkeley, CA

Aug 2021 - May 2025

WORK EXPERIENCE

IBM

Research Intern

New York, NY

June 2020 - August 2020

- Performed data analysis and programmed a virus simulator to model potential COVID-19 outcomes and examine double-peaking

CompatibL

Intern

Kyiv, Ukraine and Warsaw, Poland

June 2018 - July 2018

- Performed data analysis of financial time series

UC Berkeley, Department of Machine Learning

Intern

Berkeley, CA

June 2019 - July 2019

- Performed data analysis on Twitter data with a proprietary Web crawler

Wyzant

Tutor

Berkeley, CA

April 2022 - Present

- Preparing students for SAT Math, ACT Math, and AP/college level math classes

UC Berkeley, Department of Mathematics

Peer Advisor

Berkeley, CA

September 2022 - Present

- Holding office hours, organizing events, and giving academic guidance to freshmen in the math major

Insieme Onlus

Volunteer

Salerno, Italy

July 2017 - Present

- Volunteering at a community home for teenagers teaching them English and math

RELEVANT COURSEWORK

Math 53 (Multivariable Calculus) - A

Math 54 (Linear Algebra) - A+

Math 55 (Discrete Mathematics) - A+

Math 128A (Numerical Analysis) - A+

Math 110 (Upper-Division Linear Algebra) - In progress

Math 113 (Abstract Algebra) - In progress

SKILLS

Programming Languages: Python, MATLAB, SQL, HTML, CSS, MS Suite, Maya (3D)

Languages: English, Italian, Spanish

AWARDS

Bronze Medal

MathCON

April 2019