

Education

MicroMasters in Statistics & Data Analysis – MITx (online) USA, 2021–2023

Graduate Certificate in Applied Statistics & Data Management – North Carolina State University (USA), 2018–2019

Master's Degree in Mathematics Education – NC State University, USA and pre-diploma Heidelberg University, Germany, 2015–2017 (CLEP: Bac +5, 300 ECTS equivalent)

CAPES Mathematics (France) – Nancy, France

Bachelor of Science in Math & Physics – University of Heidelberg, Germany 2001

Professional Experience

Data Analyst– IntelXData (USA / Remote), 2020–2024

- Performed data engineering and applied statistics for NGOs and schools
- Developed pipelines for educational, clinical, and operational datasets

Mathematics Teacher (Braille Specialist) – Governor Morehead School for the Blind, Raleigh, NC, USA 2019–2020

- Created math curriculum in UEB Braille
- Applied innovative statistical tools for student tracking

Certified Math Teacher – East Chapel Hill High School, NC, 2017–2018

- Delivered high school math curriculum
- Used Google Classroom and Tableau-like tools for visual analytics

Technical Skills

Programming Languages: Python (Pandas, NumPy, SciPy), R, SAS (Advanced), SQL (embedded in SAS), Java, Excel VBA

Tools & Platforms: Jupyter Notebooks · Visual Studio Code · Tableau · Git · Microsoft Azure

Data Science Skills: Statistical Modeling · Machine Learning · Regression · Optimization · Big Data Handling · Data Cleaning & Transformation · Visualization

Software Dexterity: Fast learner of new software systems; comfortable working in cross-platform environments

Other Activities & Interests

Music Director – Advent Lutheran Church, Chapel Hill (2013–2019)

Organist & Choir Intern – St. Stephen's Episcopal Church (2011–2013)

Freelance Organist – Strasbourg churches (2009–2011)

Languages

Native: French, English, German, Fluent: Hungarian, Intermediate: Spanish