Ulises Rönnau, Data Science Student

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LINKS

LinkedIn, Personal Website

PROFILE

Highly motivated **Data Science undergraduate at UNC Chapel Hill** with expertise in programming, data analysis, and web development, including **Python**, **JavaScript**, and **AWS** deployment. Experienced in **genomics** and **biostatistics**, with hands-on research in DNA analysis, complemented by a **multilingual background and international experience across four continents**. Passionate about leveraging data science and IT skills to solve real-world problems and drive innovation in diverse industries.

EMPLOYMENT HISTORY

Feb 2024 — Present

Mathematics and Language Tutor, CollegeBoard | VarsityTutors
Remote

Received an **honorary invitation** from CollegeBoard to tutor for, and beta test, the new digital SAT. Tutored **10 students** on the math section of the dSAT, did one-on-one tutoring to help a student **pass the New Jersey Student Learning Assessment for Mathematics** (high school), continue to **teach middle school maths** to students across the United States, **teach German** and **Spanish** to all ages.

Aug 2024 — Dec 2024

Genetics Lab Technician and DNA Analyst, UNC Chapel Hill
Chapel Hill, Germany

Researched the **breakage and reparation of DNA chromosomes** in yeast by using phenol-chloroform miniprep, yeast transformation, PCR amplification, and running gel electrophoreses on **80 yeast colonies**. Studied the 3D structure of the nucleus through **mathematical modelling** with **C**, **C++**, and **Python** saving on hours of experimentation during prelabs.

Jan 2022 — Feb 2022

Digital Commerce Intern, BMW Marketing
Munich, Germany

Learned about customer online purchasing behavior from data analysts. Compared BMW's international marketing methods **across Europe, North America, and Asia.** Conducted research to **improve UX and UI** to streamline the traffic funnel by **reviewing competition's car configurator websites** for the online marketing division.

Jul 2021 — Aug 2021

Sustainable Urban Planning Intern, Reinhold-Maier Foundation
Stuttgart, Germany

Selected among only 20 students in Stuttgart to design city plans that **implemented green infrastructure, pedestrian-friendly walkways, and biophilic buildings** using simulation programs. Learned about green technologies for agriculture. **Presented ideas to Mayor of Tengen, Germany**

EDUCATION

Aug 2024 — May 2028

Bachelor of Data Science, UNC Chapel Hill
Chapel Hill, USA

Concentration in Econometrics, **GPA: 3.9/4.0**

Aug 2022 — Jun 2024

IB Diploma, Myers Park High School
Charlotte, USA

Completed International Baccalaureate (IB) program, a globally recognized

high school curriculum, **GPA: 37/45 marks**

Sep 2016 — Jul 2024

Dillmann Gymnasium Stuttgart
Stuttgart, Germany

Transferred with final **(German) GPA: 1.5/6.0**

Sep 2015 — Jul 2016	**Swiss International School**	Fellbach, Germany
Jan 2011 — Jun 2015	**British International School of Jeddah**	Jeddah, Saudi Arabia
Mar 2009 — Dec 2011	**Mark Twain**	Córdoba, Argentina

TECHNICAL SKILLS

Python	C/C++
Flask, Tensorflow Scikit-learn, Pandas, Numpy, Matplotlib	SQL
HTML, CSS, JavaScript	Jupyter Notebooks, Google Colab
AWS, PythonAnywhere	

LANGUAGES

English	Native speaker	French	Very good command
German	Native speaker	Japanese	B2
Spanish	Native speaker		