

Ismail Moudden

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Profile

Computer Science student at EPFL with strong analytical and problem-solving skills in software engineering, probability, statistical modeling, and mathematics. Experienced in IT consulting, digital transformation, and market analysis through Junior Enterprise EPFL, collaborating with startups and global corporations. Entrepreneurial mindset with leadership experience, driving strategic initiatives in complex environments. Passionate about leveraging technology in finance to develop innovative solutions

Education

Bachelor in Computer Science, Communication Systems Section	2022 - Present
École Polytechnique Fédérale de Lausanne (EPFL)	
Baccalauréat Scientifique - Mention Très Bien	2022
Lycée Descartes, Rabat	

Experience

Project Manager - Junior Enterprise EPFL	Feb 2024 - Present
• Managed more than 10 projects , providing customized IT consulting solutions, including business analysis and strategic planning. Led multidisciplinary teams, contributing to a revenue of over 300K CHF in 2023/2024.	
Software & Solution Developer - Personal Projects	2022-Present
• Designed and built over 10 software solutions , including web platforms, mobile app, with a focus on scalability and innovation. More details in my portfolio: ismailmoudden.com .	
Co-Founder - Libghiti Delivery Service	May 2021 - Jul 2022
• Managed a seasonal delivery service in tourist areas, processing over 500 deliveries and maintaining a 95% customer satisfaction rate. See website: libghiti.ch .	
Founder - Outside Streetwear	Apr 2020 - May 2024
• Launched a contemporary streetwear brand known for innovative designs. Oversaw product development, marketing, and sales, reaching over 1,000 customers and gaining recognition among fashion enthusiasts.	
Research Project - Predicting Currency Market Fluctuations	2022
• Developed mathematical and physical models to predict short-term fluctuations in the foreign exchange market. Presented the project during the oral exam of the Baccalauréat.	
Intern - MASEN	Dec 2020 - Jan 2021
• Observed and monitored renewable energy projects (solar and wind) in collaboration with the R&D department to identify and evaluate innovative technologies that optimize energy processes.	
• Rotation in the financial division : Observed and reported on financing models and the economic evaluation of projects, deepening my understanding of profitability mechanisms and investment management within the sector.	

Skills & Expertise

Programming

- Scala, Python, Java, JavaScript, React, HTML/CSS, C, Assembly, Verilog ...

Consulting & Business

- IT Consulting, Project Management, Agile Methodologies, Strategic Analysis

Finance & Research

- Financial Modeling (ML), Market Analysis, Research Projects, Trading & Technical Analysis

Tools & Technologies

- Git/GitHub, NumPy/Pandas, Matplotlib/Seaborn, Figma, SQL/NoSQL

Soft Skills

- Leadership, Entrepreneurship, Teamwork, Adaptability

Awards

- **Olympiades of Geosciences** – 27th Worldwide, 3rd National (2021)
- **International Youth Games** – Selected for international sports competition in Chicago (2020-2021)

Extra-Curricular Activities

President - Public Speaking Club	2021-2022
• Founded and led the first public speaking club, developing peers' communication skills.	
Athletics	
• Competed in regional athletics competitions, focusing on long-distance events.	
Passions	
• Entrepreneurship, Reading, Sports and Traveling	

Languages

French: Native **English:** Fluent
Arabic: Native **Spanish:** Intermediate