Ilyes H. Belhoussine

Mathematics & Data Science at Sorbonne Université

EDUCATION

Sorbonne University Abu Dhabi   **Sept. 2024 - Present**
Bachelor in Mathematics, Specialization in Data Science for Artificial Intelligence   *Abu Dhabi, UAE*
- **GPA: 4.0/4.0**
- Founder of Sorbonne's Tea Club, with over 150 active members meeting every week.

Swiss Federal Institute of Technology Lausanne (EPFL)   **Sept. 2023 - Aug. 2024**
First Year Computer Science Student   *Lausanne, Switzerland*
- **GPA: 4.2/6.0**

Polytechnique Montréal   **Sept. 2021 - Aug. 2023**
Preparatory Program for Software Engineering   *Montreal, Canada*
- **GPA: 3.4/4.0**

WORK EXPERIENCE

Sorbonne University Abu Dhabi   **Sept. 2025 – Present**
Peer Tutor   *Abu Dhabi, UAE*
- Providing peer tutoring to Foundation and First-Year students in calculus, linear algebra, and programming.

rAIsed   **Sept. 2025 – Present**
Intern   *Abu Dhabi, UAE*
- Development of AI Models, Fine-Tuning, LoRA, Distillation, Quantization.

Splunk>   **Aug. 2017 – Jun. 2018**
Intern   *Dubai, UAE*
- Splunk Inc. provides operational intelligence software for data analysis.
- Conducted SWOT analysis to identify opportunities for growth and areas of improvement in service offerings.
- Utilized Splunk's Data Analysis tools to visualize data streams in real-time.
  - **Stack:** Splunk Enterprise, REST, SPL

German Neuroscience Center   **Oct. 2017**
Neurosurgical Data Extraction   *Dubai, UAE*
- The German Neuroscience Center is a medical center in Dubai specializing in neurological conditions.
- As a Data Extractor, I assisted in extracting and recovering neurosurgical data.
  - Using UFS and DMDE on HFS+ Systems, I successfully extracted lost data.
  - Improved data organization and contributed to clinical workflow efficiency.

Fan Translators International   **Sept. 2017 – Aug. 2017**
Romhacker & Video Game Translator   *Remote*
- Reverse-engineered and localized video games for Arabic-speaking audiences, enhancing cultural accessibility.
- Built custom tools using C#, Xamarin, and WinForms to streamline localization workflows.
- Worked extensively with rare and proprietary file formats and game engines.

Captions Creators   **Jan. 2018 – Aug. 2019**
Lead Developer   *Remote*
- Open-source project focused on automating subtitles, improving accessibility for deaf and hard-of hearing users.
- Led a team and migrated Legacy projects from Storyboard and Objective-C to SwiftUI and Swift.
- Coordinated remote collaboration efforts, ensuring timely delivery of features and updates.

CERTIFICATIONS, SKILLS & INTERESTS

- **Awards:** Winner of EU's AI for Sustainability Hackathon, 1M Arab Coders.
- **Languages:** Chinese Mandarin (HSK-Certified), English (Fluent, IELTS-Certified), French (Native), Arabic.
- **Technologies:** Python, Java, Swift, SQL, C#, Xamarin, Javascript/HTML5/CSS.
- **Skills:** UI/UX Design, Web Development, Data Science, Reverse Engineering.
- **Interests:** Tea, Reading and Blogging.