

Aziliz HENRY

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Searching for a 6-months internship • Starting in February 2027

EXPERIENCE

- Department of Bioengineering, Imperial College London – Master Project** **Since September 2026**
- Applying machine learning techniques (SVM, Random Forest, logistic regression) to identify core bacterias in atopic dermatitis.
- Department of Bioengineering, Imperial College London – Research Internship** **June - August 2026**
- Computational systems medicine and biology, applying machine learning and mathematical modelling (gLV, bayesian inference, hierarchical modelling) to infer microbial interaction from human skin microbiome data.
- Mines de Saint-Etienne, France – Endometriosis platform** **Since 2026**
- Developing a platform to connect researchers and endometriosis patients to make research easier
- Kaohsiung Medical University, Taiwan – Cardiology and General Internal Medicine** **July 2025**
- Observed clinics, surgery and patient cases in both departments
- Chess tutoring – Developed a tailored approach to make complex concepts engaging** **Since 2017**
- Tutored two children (aged 5 and 8) in the fundamentals and strategies of chess
 - Mentored girls in my chess club to promote female engagement in the sport

EDUCATION

- Mines de Saint-Étienne, France – MSc in Computer Science** **2025 – 2027**
- Ranked in the top 12/200+ engineering schools in France*
- Data science and Biomedical Engineering
 - Machine learning, deep learning, statistics
 - Python (NumPy, Pandas, PyTorch, scikit-learn), R Studio
- Mines de Saint-Etienne – Certified distance learning preparatory course** **2023 – 2025**
- Algebra, trigonometry, statistics, matrix, thermodynamics, Python, big data
- Université Catholique de Louvain, Belgium – Bachelor in Medicine with honours** **2021 – 2025**
- (Pre)clinical courses: molecular and cellular biology, genetics, cardiology, anatomy
- Brest, Brittany, France – PASS: First common year to health studies** **2020 – 2021**
- Medicine and minoring in mathematics, physics and computer science
- Scientific French Baccalauréat – Mathematics specialty, with high honours** **2020**
- Languages** French: Native English: C2 (Cambridge Proficiency Exam) Spanish: B1

SKILLS, ACTIVITIES AND INTERESTS

- Chess as a competitive player – Elo 1804 (International FIDE ranking)** **Since 2010**
- French national championships: 10 qualifications (12th / 87 in 2017)
 - Regional championships (Paris region): 8 podiums, including 3 titles
 - Department championships: 9 titles
 - Blitz and quick games: regional titles and podiums
 - Team youth championships: national first division
- Ballet (9 years) / Cycling / Scuba diving (PADI Openwater)**