

## EDUCATION

---

- **Ecole Polytechnique** Palaiseau, France  
*Bachelor of Science in Mathematics and Physics*  
*September 2022 - Present*  
*Extensive courses in Computer Science*
- **Lycée Louis-Le-Grand** Paris, France  
*French Baccalaureat, Highest Honors / "Mention Très Bien"*  
*September 2020 - June 2022*  
*Concentrations: Mathematics with Higher Mathematics, Physics & Chemistry, Biology*
- **Grand Lycée Franco-Libanais** Beirut, Lebanon  
*Honors award certificate in June 2018*  
*September 2007 - June 2020*

## COURSES

---

- **Mathematics:** Analysis, Linear Algebra, Probability, Statistics
- **Physics:** Mechanics and heat, Electromagnetism and light, Classical mechanics, Wave optics and radiation, Quantum mechanics, Classical electrodynamics, Atoms and lasers
- **Computer Science:** Python I, Python II, Numerical Analysis, Web Programming, Object-Oriented Programming in C++, Machine Learning

## EXPERIENCE

---

- **TriSpan LLP** New York City, United States  
*Private Equity Intern*  
*July - August 2024*
  - Streamlined Profit & Loss reporting by analyzing and simplifying financial statements.
  - Conducted financial modeling to value targets, including leverage buyout, public competitors, and precedent transactions analysis
  - Identified national investment opportunities and prepared detailed presentation decks.
  - Wrote and edited evaluation reports for restaurants mostly owned by the company.
- **Laboratoire des Solides Irradiés (LSI) - École Polytechnique** Palaiseau, France  
*Research project in laboratory (physics)*  
*January - June 2024*
  - Conducted research in the field of nonlinear acoustics at the nanoscale
  - Applied advanced theoretical models to describe the complex dynamics of acoustic waves
  - Developed computational techniques to simulate and analyze the interactions of acoustic waves in realistic scenarios
- **Self-employed** Palaiseau, France  
*Private instructor for high school and freshman students in mathematics and physics*  
*June 2022 - June 2024*
  - Provided private instruction to enhance academic performance or prepare for upcoming tests
  - Prepared lesson plans following a specific program according to students needs and goals
  - Developed teaching material, such as handouts and exercise sheets
- **BBP Real Estate Agency** Paris, France  
*Intern*  
*June - July 2023*
  - Assisted with the search of prospective real estate using several websites
  - Contacted agencies and individual owners to schedule apartment visits
  - Interacted with clients to find the property that meets their standards at most
- **Lycée Louis-Le-Grand** Paris, France  
*Student representative*  
*September 2021 - June 2022*
  - Represented my fellow classmates' interests as a constant link with the administration
- **Banque Misr Liban (BML)** Beirut, Lebanon  
*Banking Intern*  
*February 2020*
  - Assisted with customer engagement
  - Developed a solid and global understanding of the customer-employee relationship
  - Collaborating with employees to satisfy clients' requests

## LANGUAGES

---

- **French:** native
- **Arabic:** native
- **English:** fluent
- **German:** B1
- **Spanish:** A2

## SKILLS AND INTERESTS

---

- **IT:** Python, LaTeX, Jupyter, HTML, CSS, JavaScript, C++, R, MATLAB, Microsoft Word, Excel and Powerpoint
- **Sports:** Calisthenics, MMA trainings (boxing, Muay Thai, and wrestling)
- **Arts:** Drama, Violin
- **Online certifications:** MATLAB Onramp by MathWorks, Accounting & Financial Statement Analysis by Wall Street Prep

## VOLUNTEERING

---

- **Participated in the *Race Against Hunger* in collaboration with *Action contre la Faim*:** 2015 - Present
- **Organized an awareness campaign about education in partnership with *Action-Éducation* (formerly *Aide et Action*) on campus:** April 2023
- **President of the Mental Health committee, in charge of organizing the Mental Health Awareness Week:** May 2023 - June 2024
- **Mentored and tutored a younger student in high school facing difficulties in mathematics, physics, and French literature:** September 2021 - June 2022