

# Khaled Abou Alfa

## Curriculum Vitae

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### Education

- 2020–Current **PhD Degree in Mathematics, Université de Nantes** , *Nantes, France*.  
**Thesis Title:** Magnetic tunneling effects in various geometries  
**Advisor:** Frédéric Hérau  
Status: In the writing phase
- 2020 **End of study internship, Université de Nantes** , *Nantes, France*.  
**Title:** Spectral element on the magnetic Laplacian  
**Advisor:** Frédéric Hérau  
Note: 18/20
- 2019–2020 **Master 2 in Mathematics, Université de Nantes**, *Nantes, France*.  
**Master Title:** “Mathématiques fondamentales et appliquées: analyse et probabilités”  
Graduation grade: very good
- 2018–2019 **Master 1 in pure Mathematics, Lebanese University** , *Beirut, Lebanon*.  
Graduation grade: very good
- 2015–2018 **Bachelor of science in Mathematics, Lebanese University** , *Beirut, Lebanon*.  
Graduation grade: Excellent  
Rank: 1
- 2014–2015 **Lebanese official Baccalaureate Certificate in General Sciences, College Universal** , *Chhim, Lebanon*.  
Graduation grade: very good

### Experience

- 2020–2023 **Université de Nantes, Laboratoire De Mathématique Jean Leray (LMJL)** .  
**Thesis topic:** Magnetic tunneling effects in various geometries
- 2020–Current **Teaching at Université de Nantes:**  
Tutorials and courses in Linear Algebra and Analysis for Bachelor of Mathematics 1st year

### Seminars and conference talks

- May 2021 **Séminaire des doctorants at Université de Nantes**.
- June 2022 **Séminaire d'équipe analyse at Université de Nantes**.
- June 2022 **Journée des doctorants de l'école doctorale MathSTIC at Université de Nantes**.  
Status: I am ranked the best poster in the day among the PhD students of the "Ecole doctorale MATHSTIC ".

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## Attended conference

- October 2020 **Attend conference, in Nantes – France .**  
**Subject:** Workshop "Quantitative Analysis of Metastable processes"
- November 2021 **Attend conference, in Nantes – France .**  
**Subject:** Journée magnétique
- October 2021 **Attend conference, in Bordeaux – France .**  
**Subject:** Modèles et méthodes pour les équations cinétiques
- June 2022 **Attend conference, in Nantes – France .**  
**Subject:** Journée des doctorants de l'école doctorale MathSTIC

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## Skills and Activities

- Programming Language MATLAB, C language
- Web HTML
- Environment Latex, Microsoft Office
- Operating System Windows, Linux

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## Languages

- Arabic Native Speaker
- French Fluent "Delf B2 "
- English Good