

Adrien MORIN

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## Curriculum Vitae

### Formation

- **November-December 2022 : Research stay at the University of Copenhagen**
- **2019- : PhD in Mathematics ; expected defense date : May 2023**  
Institut de Mathématiques de Bordeaux, 33000 Bordeaux  
« Weil-Etale Cohomology of 1-motives », under the supervision of Baptiste Morin.
- **2015-2019 : « Magistère de Mathématiques »**  
« Élève fonctionnaire stagiaire » (civil servant student) at the École Normale Supérieure (ENS) de Rennes (35000)
- **2018-2019 : Master 2 Algebra, Geometry and Number Theory, with distinction**  
Université de Bordeaux (33000)
- **2018 : Ranked 28 at the « Agrégation de mathématiques », the french recruiting exam for teachers in secondary education**
- **2017-2018 : Master 2 « Advanced Mathematics for secondary and higher education », with distinction**  
Université de Rennes 1 (35000)
- **2016-2017 : Master 1 Mathematics and applications**  
Université de Rennes 1 (35000)
- **2015-2017 : Licence of Computer Science, with honours**  
Université de Rennes 1 (35000)
- **2015-2016 : Licence of Mathematics, with distinction**  
Université de Rennes 1 (35000)
- **2013-2015 : « Classes préparatoire » MPSI/MP (option Computer Science, German first language)**  
Lycée Louis-le-Grand – 75005 Paris
- **2012-2013 : Baccalauréat S (specialization Mathematics, reinforced German), with distinction**  
Lycée Scheurer-Kestner – 68800

### Professional experience

- **May-june 2016 : Research internship (6 weeks)**  
Institut de Recherche Mathématique Avancée – 67000 Strasbourg  
« Algebraic geometry of plane projective curves » under the supervision of Damian Brotbek
- **May-june 2017 : Research internship (9 weeks)**  
Karlsruher Institut für Technologie - 76131 Karlsruhe, Allemagne  
« Elliptic curve cryptosystem » under the supervision of Wili Geiselmann
- **Février-juin 2019 : Masters' thesis**  
Institut de Mathématiques de Bordeaux  
« Etale Cohomology with constant coefficients of projective curves on algebraically closed fields » under the supervision of Qing Liu.
- **2019-2020 : Teaching duty (64h)**  
UF mathématiques et interactions, Université de Bordeaux  
Courses for first-year students « Mathematical bases for sciences », « Mathematics for biologists »
- **2020-2021 : Teaching duty (64h)**  
UF mathématiques et interactions, Université de Bordeaux  
Course for first-year students « Mathematical bases for sciences »  
Course for third-year students « Mathematical algorithms (in algebra) »

### Spoken languages

- **French** (native)
- **English** (C1)
- **German** (B1)

### Personal interests

- Jazz dance, guitar, rollerblades
- Participated in the musical of the students of the ENS in 2016 and 2017 as dancer.
- Boy scout leader from 2015 to 2017 for young people of age 11 – 18. International solidarity action for a month in 2013 in an orphanage in India.

## List of publications

### Published

- « Special values of L-functions on regular arithmetic schemes of dimension 1 », [arXiv:2108.00811](https://arxiv.org/abs/2108.00811), to appear in *Journal of Number Theory*, DOI : 10.1016/j.jnt.2022.07.002

**Unpublished**

- « Tori over number fields and special values at  $s=1$  », [arXiv:2210.09102](https://arxiv.org/abs/2210.09102), submitted.