

# Sidi Mohammed BOUGHALEM

## Pure Mathematics graduate

28 - Pure mathematics graduate, with an unconditional passion for mathematics. Through my studies i gained a rich background in Algebra, Geometry and Number theory. I am overall interested in Arithmetic Geometry and Number theory.



### EDUCATION

2020

#### MASTER THESIS : ON THE GENERATING FUNCTION AND THE ALGEBRAICITY OF EISENSTEIN-KRONECKER NUMBERS

Master thesis on the special values of Hecke L-functions related to imaginary quadratic fields. Under the supervision of Pr. Dr. Guido Kings. Universität Regensburg, Regensburg - Germany.

2017 - NOW

#### MASTER DEGREE IN MATHEMATICS: FOCUS ON ARITHMETIC GEOMETRY AND NUMBER THEORY

Universität Regensburg, Regensburg - Germany.

2015 - 2016

#### ERASMUS EXCHANGE YEAR : INTERNATIONAL MASTER OF MATHEMATICS

University of Würzburg, Würzburg - Germany.

2011 - 2014

#### BACHELOR DEGREE IN PURE AND APPLIED MATHEMATICS

University of Orléans, Collegium science et technique, Orléans - France.



### LANGUAGES SKILLS

#### FRENCH

Mother tongue, proficiency in spoken and written.

#### ENGLISH

2nd language, fluency in spoken and written - TOEFL (Computer based-test)

#### GERMAN

Confidence in spoken and written - C1 level score : 1,7

#### SPANISH

Good communications skills, spoken and written - Level B1.

#### ITALIAN

Good communications skills, spoken.



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<https://sithlord-dev.github.io/>

### SKILLS

#### PROFESSIONAL SKILLS

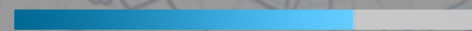
Python



C (programming language)



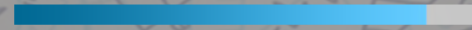
Mathlab/Scilab



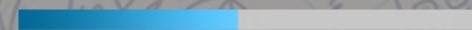
GIT



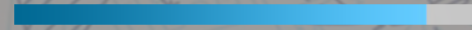
Jupyter notebook



Magma/Sage

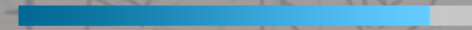


Microsoft Office Suit

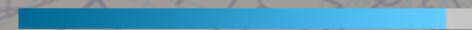


#### PERSONAL SKILLS

Communication skills



Problem solving



Rational thinking

