

Lev-Arcady Sellem

✉ contact@lev-arcady.fr | 🏠 lev-arcady.fr | 📺 lev-arcady-sellem | 🎂 Born in 1997

Education

Master's degree in mathematics applied to modelisation - 2nd year

SORBONNE UNIVERSITÉ

2019 - 2020

Paris, France

FeSup master's degree in mathematics - 2nd year

ÉCOLE NORMALE SUPÉRIEURE PARIS-SACLAY

2018 - 2019

Cachan, France

Preparation to sit the national exam to become a teacher in mathematics - passed, rank 37.

Hadamard master's degree in mathematics - 1st year

ÉCOLE NORMALE SUPÉRIEURE PARIS-SACLAY

2017 - 2018

Cachan, France

Third year of bachelor in Mathematics and Computer science

ÉCOLE NORMALE SUPÉRIEURE PARIS-SACLAY

2016 - 2017

Cachan, France

Intensive 2-year preparation to sit the highly selective national exams for admission to the French Grandes Ecoles

LYCÉE HOCHÉ

2014 - 2016

Versailles, France

French scientific Baccalaureate

LYCÉE HOCHÉ

2014

Versailles, France

Internships

Master's degree internship

INRIA

April - August 2020

Paris, France

Mathematical methods for simulation, estimation and control of open quantum systems.

Mentors : Pierre Rouchon, Claude Le Bris.

Master's degree internship

I2M

April - July 2018

Marseille, France

Minimal null-control time for parabolic PDE.

Mentors : Morgan Morancey, Assia Benabdallah.

Bachelor internship

LIRIS

June - July 2017

Lyon, France

Generation and edition of subdivision landscapes.

Mentor : Éric Guérin

Computer skills

OCaml Proficiency - Development of a project of 700 lines of code.

Python Regular use.

LaTeX Proficiency.

Miscellaneous Basic knowledge of Matlab, PostgreSQL, Bash, C, Java and Assembly.

Languages

French Native.

English Fluent - Cambridge English Advanced certification at grade A (C2 level).

Russian Intermediate - 9 years of study.

Projects

Vice-president and Technical Officer of Crans

2018

Management of the Internet network on the campus of the ENS Cachan, as well as various linked services for the network's members (email, self-service printing, videoconferencing, etc.)

IT manager of the Students' Council

2017

Development (Python) and maintenance of an online application, which allows the Council to count its members and manage the activities on the campus, and which runs the transactions between students. Maintenance of the underlying database (PostgreSQL). Approximately used by 700 students.

Programming project

1st semester of 2016

Development (OCaml) of a compiler for a shrunken C, with only basic types (integers, strings, arrays, pointers ...) but extended with exceptions, with GNU assembly as target language. Approximately 60h and 700 lines of code.

Hobbies

Harp 13 years of practice in a music conservatory - graduated in 2015.

Piano 2 years of practice in a music conservatory.

Latin 2nd accessit in the French Concours Général in 2013.

Ancient Greek 2nd price in the French Concours Général in 2013.

Latin dance 3 years of practice (cuban salsa, bachata, kizomba).