

Lev-Arcady Sellem

✉ lev-arcady.sellem@ens-paris-saclay.fr | 🏠 lev-arcady.fr | 📧 lev_sellem | Born on the 19th of May, 1997

Education

First year of the Hadamard master's degree in mathematics

ÉCOLE NORMALE SUPÉRIEURE PARIS-SACLAY

September 2017 - Today

Cachan, France

Computer science internship

LIRIS

June - July 2017

Lyon, France

Generation and edition of subdivision landscapes.

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

Courses

1st semester Algebra, Functional analysis, Probabilities, Spectral theory, Introduction to physical mathematics

2nd semester Geometry, Compact groups and Lie groups, Digital images processing, Optimization, Uncertainties

Computer skills

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

Python Regular use in small projects for 3 years

L^AT_EX 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

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

Philately