Lev-Arcady **Sellem**

✉ contact@lev-arcady.fr | ⌂ lev-arcady.fr | in lev-arcady-sellem | Born in 1997

Education

Master's degree in mathematics applied to modelisation - 2nd year	*2019 - 2020*
Sorbonne Universités	*Paris, France*
FeSup master's degree in mathematics - 2nd year	*2018 - 2019*
École Normale Supérieure Paris-Saclay	*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	*2017 - 2018*
École Normale Supérieure Paris-Saclay	*Cachan, France*
Third year of bachelor in Mathematics and Computer science	*2016 - 2017*
École Normale Supérieure Paris-Saclay	*Cachan, France*
Intensive 2-year preparation to sit the highly selective national exams for admission to the French Grandes Ecoles	*2014 - 2016*
Lycée Hoche	*Versailles, France*
French scientific Baccalaureate	*2014*
Lycée Hoche	*Versailles, France*

Internships

Master's degree internship	*April - July 2018*
I2M	*Marseille, France*

Minimal null-control time for parabolic PDE.

Bachelor internship	*June - July 2017*
LIRIS	*Lyon, France*

Generation and edition of subdivision landscapes.

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.

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.

Languages

French	Native.
English	Fluent - Cambridge English Advanced certification at grade A (C2 level).
Russian	Intermediate - 9 years of study.

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).