Fabrice Lécuyer

Graduate Student in Computer Science and Physics at ENS Lyon

Education

2018–2019	**Gap year for travels and personal projects**.
2017–2018	**Erasmus: 3ʳᵈ year Bachelor in physics**, *Ludwig Maximilian University of Munich*, Germany.
	Major: theoretical physics. Minor: German language.
2015–Present	**Bachelor and Master in Computer Science**, *Ecole Normale Supérieure de Lyon*, France.
	○ Major: theoretical computer sciences. Minor: theoretical physics.
	○ Project: communicating with electroencephalography headsets.
2013–2015	**Classes préparatoires in Science**, *Lycée Saint-Louis*, Paris, France.
	○ After high-school, intensive two-year preparatory course in maths, physics and computer sciences for competitive entrance to France's leading schools of science and engineering.
	○ Admission in *Ecole Normale Supérieure de Lyon*, top-ranking school for research and science.
2010–2013	**High School in Science**, *Lycée Corot*, Paris area, France.
	Award in the Mathematical Olympiad. French baccalauréat with highest honour.

Work & Research Experience

2017–2018	**Frontend Software Developer**, *Carsync Fleet Management System*, Vispiron GmbH, Munich.
	Develop a new Angular2 product interface with a team of full-time developers.
2017	**Research intern**, *in the field of Data Analysis*, Network Science Institute, Boston.
	○ Model health network and trajectories based on millions of hospital admissions.
	○ Compare and manipulate different models of mobility (gravity, radiation, census. . .).
2016–2017	**Junior researcher**, *in a team of ten ENS Master students*, Lyon.
	○ Design a communication system for physically disabled people.
	○ Program electroencephalography headsets, define fast means of expression with linguists.
	○ Participate in two hackathons and involve many health professionals.
2016	**Research intern**, *in the field of Bioinformatics*, IRCCyN, Nantes.
	○ Analyze biological regulatory networks and theoretical inference graphs.
	○ Use real data about genes activation and inhibition, simulate the behavior of multi-genes systems.
2014–2015	**"TIPE"**, *year-long research project during French Classes préparatoires*, Paris.
	Use the graph theory to model a computer network. Perform several oral presentations.
2009–2013	**Web developer freelance**, *online game Terre de Feu*.
	Designed and developed backend and frontend from scratch. Managed a community of hundreds of players.

Computer skills

Advanced	Python, JS, Angular2, SQL, C++, HTML5, CSS3.
Intermediate	Git, C, PHP, Latex, Caml, Linux, Excel. . .

Other

Languages	**French** (mother tongue), **English** (fluent C2), **German** (advanced C1), **Spanish** (intermediate B1).
Music	Classical singer (University Choir in Munich, Music Academy in Paris); pianist and accordionist.
Sports	Interested in triathlon, volleyball, badminton.