

LUCIA EVE BERGER

Montreal, QC, lucia.berger@mail.mcgill.ca, github.com/luciaeveberger, linkedin.com/in/luciaberger

MOTIVATION	I am a Software Engineer with a strong background in programming and databases. I am looking for a position from May 2019 in Montreal, preferably in a research-related, data-science or programming role.			
EXPERIENCE	German Institute for Artificial Intelligence (DFKI)		Berlin	
	Graduate Research Assistant		01/17 – 09/18	
	<ul style="list-style-type: none">• Implemented and tested an application with multiple integration points.• Built a web scrapper that matched coordinates with weather data.• Redesigned the database, complete with custom and reusable libraries.• Responsible for two interns, including reporting and delegation of tasks.			
	Siemens		Berlin	
	Graduate Software Engineering CO-OP		01/17 – 10/17	
	<ul style="list-style-type: none">• Constructed and tested a REST API for monitoring, grouping and warehousing sensor data for real-time use by subsystems.• Improved the querying, aggregation and stand alone micro-services.• Upgraded front-end visualization and dashboard to meet the customer specifications.			
	General Electric		Montreal	
	Software Engineering Leadership Program		05/15 – 11/16	
	<ul style="list-style-type: none">• Participant in the EEDP (Edison Engineering Development Program), one of GEs corporate rotational programs focused on developing technical excellence. Selected as 1/200 candidates.• Developed features to increase the dependability of light monitoring systems.• Cleaned, standardized and merged large samples of unstructured data with python data-frames and excel macros.• Upgraded iOS code to swift 2.0 for wind turbine localizing application.			
	Pratt & Whitney Canada		Montreal	
EDUCATION	Undergraduate Engineering CO-OP		09/14 – 01/15	
	<ul style="list-style-type: none">• Captured evolving user and system requirements for QA & project managers.• Conducted user surveys and testing on UI wire-frames to calculate usability.			
	Joint Master in Software Engineering & Computer Science		Germany & Italy	
	TU Kaiserslautern, TU Berlin & FU Bozen		5/19 (expected)	
	<ul style="list-style-type: none">• GPA:(3.9/4), EU Consortium scholarship: €48,000/2 years, admission:(1/1200).• Courses: <i>Verification & Validation, Machine Learning I & II, Very Deep Learning, Robotics I & II, Data Mining, Statistics, Security Systems.</i>			
	Bachelor in Computer Science & Economics		Montreal, QC	
	McGill University		5/15	
	Technical exchange in Universidad Auto de Guadalajara, Mexico.		1/13	
	PROJECTS	Traffic Sign Recognition Uncertainty Framework, Thesis with Fraunhofer.		05/19
		Wurth Phoneix Verification & Validation project, java, and unit-testing.		08/18
Tweet Classification: ML project detecting sentiment from unstructured data.		06/18		
APEX Startup 3 rd place: node.js, gamification, and web development.		05/15		
SKILLS		Coding	python, java, mySQL, javascript, <i>familiar:</i> C/C++, ruby.	
	Aptitudes	statistical analysis (weka, R, bokeh), data mining & visualization.		
	ML/DL	pandas, numpy, <i>familiar:</i> tensorflow, keras, scikit.		
	Language	English, French (C1), Spanish (C1), German (B2).		