

Lucia Eve Berger

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PROFESSIONAL EXPERIENCE

German Institute for Artificial Intelligence (DFKI)

Berlin

Graduate Researcher

01.17 – 07.18

- Implemented and tested an application with multiple integration points.
- Built a web scraper that matched coordinates with weather data.
- Redesigned the applications relational database, complete with custom and reusable libraries.
- Responsible for two interns, including reporting and delegation of tasks.

Siemens

Berlin

Graduate Software Engineer CO-OP

01.17 – 10.17

- Constructed and tested a REST API for realtime sensor data.
- Improved the querying, aggregation and stand alone micro-services.
- Upgraded front-end visualization and dashboard to meet the clients needs.

General Electric

Montreal

Software Engineering Graduate Program

05.15 – 09.16

- Participant in the EEDP 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.
- Upgraded iOS code to swift 2.0 for wind turbine localizing application.

Pratt & Whitney

Montreal

Engineering CO-OP

09.14 – 01.15

- Captured evolving user and system requirements for QA project managers.
- Produced, completed and tested UI wireframes with stakeholders.
- Conducted user surveys and testing on UI wire-frames to calculate usability

EDUCATION

European Masters

Kaiserslautern, Germany & Bozen, Italy

M.S in Computer Science, Software Engineering

3/19 (expected)

Awarded by TU Kaiserslautern and FU Bozen

- Admission rank: 1 of 1200 candidates, GPA 3.9/4.
- Thesis: " Uncertainty Framework evaluation in Traffic Sign Detection", advised by Fraunhofer IESE.

McGill University

Montreal, QC

B.S. Computer Science, Economics

5/15

SKILLS

Proficient: Python (django, flask, pandas, numpy, tensorflow), Java, MySQL, JS, CSS3.

Familiar: vue, C++, pytorch, R, bokeh.

Natural: English (Native), French (C1), Spanish (C1), German(B2), Italian (A2).

PROJECTS & AWARDS

NVIDIA Deep Learning Computer Vision Mastery Certificate (20 hours)

EU Consortium Scholarship (24,000 per year over 2 years)

TU Berlin Renewable Energy Certificate

APEX start-up competition, 3rd place, awarded \$1000