Jérôme Parent-Lévesque

Montréal, Québec, Canada
514-884-9888 | jeromepl.com
linkedin.com/in/jeromepl/
Languages: French, English (Bilingual)

EDUCATION

Université de Montréal, Mila Lab
Montreal, QC

Computer Science Master's, AI specialization
2019-2020

- CGPA: 4.23/4.30
- Research on unsupervised inverse graphics, at the intersection of machine learning and computer graphics
- Co-organized and created the webpage of the 2020 GRAPHQUON workshop

McGill University
Montreal, QC

Honours Electrical Engineering Bachelor's
2015-2018

- CGPA: 3.95/4.00
- **Scholarships**: Brodeur-Drummond Scholarship, Christie Steinmetz Award, Faculty of Engineering Scholarship, John Green Memorial Award, Erim Kumbaracibasi Bursary Fund, John Howard Ambrose Scholarship

EXPERIENCE

Ubisoft
Montreal, QC

Research and Development Intern
June 2020 – November 2020

- Lead a research project at the intersection of machine learning and real-time 3D rendering attempting to improve visual quality of video game rendering

Amazon
Vancouver, BC

Software Development Engineer Intern
May 2018 – July 2018

- Improved robustness of large-scale workflows for generating CSV reports to sellers on the AWS Marketplace platform
- Upgraded project dependencies to use AWS cloud services such as SQS and SNS and migrated from Java Swing to Guice

Vigilant – a DRW company
Montreal, QC

Full Stack Web Developer Intern
May 2017 – August 2017

- Created a web application from the ground up to manage financial data and to replace many outdated company tools
- Used technologies such as Node.js, Angular and TypeScript. Optimized the application for large data volumes
- In an Agile environment, stayed in communication with end users to adapt the application to their evolving needs

Digital Distributed Music Archives and Libraries Lab
McGill University, Montreal, QC

Software Developer / Research Assistant
May 2016 – Aug. 2016

- Continued development of the cantus.simssa.ca website with Backbone and Django
- Helped develop the initial release of musiclibs.net with React.js and Django
- Continued development and released version 5.0 of ddmal.github.io/diva.js/

PROJECTS

All my software projects can be found on my **GitHub** account: github.com/jeromepl

- **Highlighter**   github.com/jeromepl/highlighter

  Chrome extension that allows users to easily highlight text on webpages and to use these highlights for efficient note-taking and fast page navigation. The extension stores the highlights so that webpages keep their annotations on later visits. Over 40 thousand active weekly users and 5 million total highlights.

- **Binge**   kartoshka.github.io/Binge

  Binge is a TV show suggestion engine. It allows you to rate shows, get smart suggestions and save them for later, with a focus on good UX and UI. Our team of 3 won 1st place for this project at the 2016 McGill Code.jam() hackathon.