

Alexia Manchon

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Experience

Shopify

September 2015 to Present

Software Developer

Montréal, Canada

McGill University

December 2015 to May 2016

Software Developer

Montréal, Canada

HackMcGill

Sept 2013 to December 2014

Co-Founder and Director

Montréal, Canada

- Established a thriving community of software developers and entrepreneurs at McGill University through weekly meet-ups, workshops and events.
- Helped students attend the largest hackathons of the East coast, including HackMIT, YHack, HackPrinceton and Bitcamp.
- Organized **McHacks**, as part of Major League Hacking, the official collegiate hackathon league. Helped raise **75,000\$ in sponsorship** and attract **over 450 participants**.

Morgan Stanley

May to August 2013

Technology Summer Analyst

Montréal, Canada

- Successfully developed a web-monitor configuration tool in **Apache Flex**.
- Exceeded expectations by completing development in 7 weeks instead of the 12 week target, then worked on middleware development in **Java**.
- Led large presentations to demonstrate project milestones, drafted user stories, software requirements and test cases.
- Received **highest possible evaluation and excellent all-round feedback** on technical, communication and professional skills. Youngest intern and only first year student within the 2013 intern class of around 20 interns.

Education

McGill University

Sept. 2012 to June 2015

Bachelor of Science in Software Engineering, Mathematics Minor

Higher-level courses taken include Software Architecture, Compiler Design, Computer Graphics, Logic and Computation, Algorithm Design.

French International School of Jeddah

Sept. 2001 to June 2012

Baccalauréat in Science, Mathematics Specialty

Graduated with Highest Honours (mention Très Bien).

Projects

Hosted on GitHub

Poacher

June 2015 to Present

- Poacher is a social social search engine: search results are people instead of webpages.
- Built as a Rails web application, with a Postgres database, and LinkedIn OmniAuth interfacing. Deployed on Heroku.

GoLite Compiler

January to April 2015

- As part of McGill's CS 520 course, my team and I designed a compiler for GoLite, a subset of the Go programming language.
- Built the entire compiler pipeline (parser, syntax tree, type checker, code generator) exclusively in Haskell, using the Parsec toolkit, producing JavaScript as source code.

Isometric 2048

May to June 2014

- Designed a remake of the famous 2048 online game from scratch, in isometric 3D.
- Built with JavaScript, jQuery, HTML/CSS and deployed as a GitHub page.

Skills

- **Programming Languages:** Java, Ruby, JavaScript, C, Haskell, HTML/CSS, Git, UNIX
- **Web Development:** Ruby on Rails, Node.js
- **Operating Systems:** experience developing on Mac OS X and Ubuntu.
- **IDEs:** Sublime Text (excellent knowledge of plugins and add ons)
- **Languages:** Fluent in French, English and Arabic.
- **Music:** bass guitar (6 years), composition, production and mixing (Logic Pro, Audacity)

Leadership

McGill University Residences

August 2014 to May 2015

Floor Fellow at McConnell Hall

- As a mentor living in first-year residence, I assisted residents with social, personal and academic development.
- Provided peer-counselling, connected residents with resources on campus and **excelled at community-building** through inclusive and well-planned events.
- Promoted a philosophy of respect, harm-reduction and anti-oppression.
- Served as the residence council advisor. Attended weekly council meetings, assisted council members with event planning, leadership development and conflict resolution.

Computer Science Undergraduate Society

Sept. 2013 to April 2014

Software Engineering Representative

- Actively helped organize events for the McGill Computer Science community.
- Collaborated with other student groups within McGill to promote the visibility of CS programs and events.