

# Mohamed-Adam Chaieb

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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.