

Mohamed Adam Chaieb

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Experience Shopify

September 2015 to
Present

Software Developer

Montréal, Canada

Currently undergoing training at Shopify's HQ in Ottawa, Ontario.

HackMcGill

September 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.

Projects

Hosted on GitHub

Poacher

June 2015 to
Present

- Poacher is a social search engine: search results are people instead of webpages.
- Built as a Rails web application, with Postgres, 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.

Education

McGill University

September 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

September 2001 to
June 2012

Baccalauréat in Science, Mathematics Specialty

Graduated with Highest Honours (mention Très Bien).

Skills

- **Programming Languages and Frameworks:** Java, Ruby (Rails), JavaScript (jQuery, Node.js), C, Haskell (Parsec toolkit), HTML/CSS, Git, UNIX, LaTeX
- **IDEs:** Sublime Text for web dev, Eclipse for Java
- **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

September 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.

Solin Hall Residence Council

September 2012 to
April 2013

Sports Representative

- Elected by residents of Solin Hall, a first-year residence at McGill University.
- Successfully organized and coordinated inclusive events, led renovations of the gym and promoted McGill athletic events.
- Elected **Council Member of the Year** by fellow members of the council.