

# Anthony Calandra

3A Computer Science  
20526672

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## SUMMARY OF SKILLS

- Languages: JavaScript (ES6, ES7), LESS/SASS, PHP, Scheme, C, C++(11/14), Ruby, CoffeeScript, Java.
- Libraries & Frameworks: React, Redux, Boost (Spirit, MPL), jQuery, Backbone, sweet.js, Rails.
- Web stacks: Node, PHP, Ruby on Rails.
- Tools: git, bash, atom, nano, babel, fish shell.
- Advocate and contributor to many open-source projects.
- INTJ personality, hard-working, respectful, organized, resourceful, quick learner.

## WORK EXPERIENCE

**FutureAdvisor**, Software Engineer Intern, January 2016 – April 2016, Co-op Rating: **Outstanding**

- Designed new API endpoints on a Ruby on Rails backend including screening new applicant registrations and looking up bank information from official Federal Reserve data.
- Wrote React components using Redux as a state container, and some Backbone, on the frontend.

**SugarCRM Inc.**, Software Engineer Intern, May 2015 – August 2015, Co-op Rating: **Outstanding**

- Worked on Customer Relations Management core software with an emphasis on performance.
- Built and improved custom components using an in-house framework built on top of Backbone.
- Created new API endpoints on a PHP backend.

## NOTABLE SIDE PROJECTS

**dijon**, JavaScript, <https://github.com/AnthonyCalandra/dijon>

- Experimental dependency injection library targeting ES7.
- Uses ES7 decorator syntax to improve flexibility and reduce boilerplate.

**Scriptable StyleSheets (s3.js)**, JavaScript, <https://github.com/AnthonyCalandra/s3.js>

- CSS pre-processor designed for the browser, which features: variables, functions, blocks, etc.

**gba-pong**, C, <https://github.com/AnthonyCalandra/gba-pong>

- Classic pong game fully playable on actual GameBoy Advance hardware or emulators.
- Includes basic graphics library, font system, BIOS function calls, page-flipping.

**modern-cpp-features**, <https://github.com/AnthonyCalandra/modern-cpp-features>

- A cheat sheet of modern C++ 11/14/17 features with short descriptions and code examples.
- One of GitHub's top trending repositories in November 2016.

## EDUCATION

Candidate for Bachelor of Computer Science, Honours Mathematics, University of Waterloo, Ontario, Canada, September 2013 – June 2018 (expected).

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