

# Mohamed El-Alawi

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## Education

### University of Manitoba

January 2012 – Present

B. Sc. Bachelor of Computer Science, Honours – 3<sup>rd</sup> Year

- Expected Graduation Date: April 2017
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## Projects

### Ostrich Chat

Ongoing

- Currently developing an IRC Client using C++ and the Qt Framework.

### Global Twitch Emotes

2014

- Created a browser extension that traverses the current webpage's DOM and parses known text strings into their appropriate digital emoticon.
- Involved script side network handling of XMLHttpRequests and server communication, which included remediating extended failure modes.
- Currently has an install base of over 4000 devices across major web browsers.

### Unofficial Ultimate-Guitar Enhancer

2015

- Developed a comprehensive browser extension that supplemented various features and capabilities of the "Ultimate-Guitar" online discussion board.
- Created and maintained multiple CSS Stylesheets based on feedback, ensuring usability by maintaining style standards and guides.
- Simulated agile development methodologies via requirements gathering through clear and frequent communication with userbase.

### Genotify

2015

- Developed a browser extension which provided the user with gene ID mapping based on highlighted text.
  - Automatically retrieved and displayed basic information from the UniProt.org database.
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## Languages

- Proficient: C++, ECMAScript/Javascript, HTML5/CSS3
  - Familiar: Java, Python, C
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## Tools and Environments

- Git Version Control, Sublime Text, Visual Studio, Eclipse, VMware, Notepad++
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