

# Clement Hoang

☎ 647 871 8336  
✉ c8hoang@uwaterloo.ca  
🌐 <https://github.com/clemmy>  
in <https://www.linkedin.com/in/clementhoang>  
🔗 <http://clemmy.ninja>

---

## Experience

- ▶ Ten Thousand Coffees January 2015 - May 2015
  - Improved user retention on platform by using Mandrill for transactional and digest emails with Segment.io for analytics tracking.
  - Made email verification architecture stateless by switching manually generated bcrypt verification tokens to JWT.
  - Redesigned the entire messaging system to support multiple participants and an user-friendly scheduling system that was pushed to production.
  - Added internationalization support for the entire application with angular-translate.
- ▶ Objectifi April 2014 - August 2014
  - Enhanced robustness of financial software used by major banking corporations worldwide by fixing database and UI defects.
  - Wrote E2E regression tests with a web interface that allowed company employees to configure and run tests on different staging environments with real-time logs.
  - Improved company workflow by over 30% by automating daily tasks such server updates, builds, maintenance, and server monitoring

---

## Projects

- ▶ Chidori April 2015 - now
  - A cross platform Yugioh client where players can duel against one another online
  - Built with Electron, Sass, Bourbon, Neat, and MySQL
- ▶ Hearthnet January 2015 - now
  - A social platform for Hearthstone players to find other players with similar preferences
  - Built with Meteor, Sass, Bourbon, Neat, and MongoDB
- ▶ Rallly March 2015 - May 2015
  - Implemented time-specific event scheduling to a collaborative scheduling web application
  - Built with Express, Angular, MongoDB, SCSS with Bourbon/Neat, and Moment.js
- ▶ BCQueue July 2013 - October 2013
  - Feature-rich badminton club management software for Windows that features a members database, asynchronous court timers, and a queuing system
  - Built with WPF, C#, .NET 4.0, XAML, Blend

---

## Skills

[Languages] Javascript, HTML/CSS, Java, C#, Python, C++, C

[Frameworks/Libraries] Express, Angular, jQuery, Meteor, Android, SCSS, LESS, ASP.NET MVC

[Databases] MongoDB, MySQL, SQLite, T-SQL

[Tools] Git, Bower, Grunt, Gulp, Bash

---

## Hackathons

---

- ▶ lookup @NASA SpaceApps 2015 #Best Pebble Hack Award #Honourable Mention
  - Built an IOS app that notifies users about the latest transient events based on VOEvents and webscraping, with Pebble support
  - Used Objective C, Pebble SDK, Express, Cheerio.js
- ▶ amusement @HackWestern 2015 #Best Muse Hack Award
  - A mobile web application that keeps users in a calm state by analyzing their EEG activity and playing music from their Spotify playlists correspondingly
  - Used Angular, Express, Spotify API, Muse SDK
- ▶ vreq @EngHack 2014
  - A visualization of course pre-requisites given a certain course at the University of Waterloo
  - Used Angular, Express, Spotify API, Muse SDK
- ▶ favors @Hack the North 2014
  - A platform for exchanging favors with people online and a social experiment to determine the standardized worth of a favor
  - Used Python with Django, Android SDK, MySQL

---

## Education

---

- ▶ University of Waterloo September 2013 - May 2018
  - Candidate for Bachelor of Software Engineering

---

## Awards

---

---

## Interests

---