

# Clement Hoang

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## Skills

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

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

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

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

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## Experience

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- ▶ **Credit Karma** [Software Engineer] May 2015 - now
  - Working with Javascript ES6 to automate build tasks and modularize React components
- ▶ **Facebook** [Freelance Web Developer] May 2015 - now
  - Working with Javascript ES6 to automate build tasks and modularize React components
- ▶ **Memebox** [Freelance Web Developer] May 2015 - now
  - Working with Javascript ES6 to automate build tasks and modularize React components
- ▶ **Zenreach** [Freelance Web Developer] May 2015 - now
  - Working with Javascript ES6 to automate build tasks and modularize React components
- ▶ **Datera** [Freelance Web Developer] May 2015 - now
  - Working with Javascript ES6 to automate build tasks and modularize React components
- ▶ **Ten Thousand Coffees** [Software Engineering Intern] 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
- ▶ **Write of Passage** [Freelance Web Developer] May 2015 - June 2015
  - Working with designer to build a complete bilingual web application, including an admin panel, for a startup using the MEAN stack
  - Implementing core features of the platform such as essay delivery from and to end users
  - Implemented custom analytics such as number of user logins and duration of logins
- ▶ **Objectifi** [Software Developer] 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

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## Projects

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- ▶ **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

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## Hackathons

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- ▶ **Pokidex** Winner at AngelHack Silicon Valley 2016
  - Mobile app where users can easily view important health insurance data and search for in-network healthcare providers
  - Used Swift, MongoDB, NodeJS
- ▶ **Query** Winner at HackingEDU 2015
  - Pebble and web app that provides a real-time collaborative classroom layer on top of university lectures
  - Used Angular, ExpressJS, Websockets, Pebble SDK, Clusterpoint Cloud Database API
- ▶ **Amusement** Winner at HackWestern 2015
  - App that analyzes your mental state while driving and keeps it healthy via controlling your music playlist
  - Used Angular, ExpressJS, Spotify API, Muse SDK
- ▶ **LookUp** Winner at NASA SpaceApps 2015
  - iOS and Pebble app that displays live feed of transient space events
  - Used Objective C, Pebble SDK, ExpressJS, Cheerio.js

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## Education

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

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## Awards

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**2015** Honourable Mention and Best Pebble Hack at NASA SpaceApps  
**2015** Best Muse Hack at HackWestern  
**2014** Dean's Honours List at University of Waterloo  
**2013** President's Scholarship at University of Waterloo  
**2011** HB Blizzard Computer Science Award  
**2010** Top 64 in Junior Canadian Computing Competition Stage 1

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## Interests

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I **learn** about web, data science and algorithms. I **play** badminton, ping pong, Hearthstone, and Fire Emblem.  
I **love** tacos, manga, anime, and bubble tea.