CLEMENT HOANG

3A Software Engineering

+ WORK EXPERIENCE

Datera Full Stack JavaScript Developer   Fall 2015 | Mountain View

- Successfully led a development team into building an interactive API explorer with autogenerated documentation, similar to POSTMAN
- Worked with the team to implement features and fix faults for an administrative application that allows users to view and configure distributed storage systems through iSCSI LUNS
- Added core features to an in-house Javascript SPA framework including duplex streams for model access and React support
- Collaborated with client engineers to implement a CLI for interacting with the distributed system
- Reduced JS bundle size by over 50% by de-duplicating the dependency tree

Ten Thousand Coffees Software Engineering Intern   Winter 2015 | Toronto

- Re-architected the entire messaging system to support multiple participants and an user-friendly scheduling system
- Improved user retention on platform by 20% using Mandrill for transactional and digest emails with Segment.io for tracking analytics
- Added internationalization support for the entire application with angular-translate

Objectifi Interactive Developer   Spring 2014 | Toronto

- Enhanced robustness of financial software used by major banking corporations worldwide by fixing database and UI defects
- Wrote E2E regression tests and 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 as server updates, builds, maintenance, and server monitoring

+ PROJECTS

Coastline Market   MongoDB, Angular, Node.js, ES7, Express

- Worked with a small team to build a startup that solves a lot of the fishing industry's pain points. The product includes e-commerce for fishing as well as inventory management software as a service.
- Link: http://www.coastlinemarket.com

Squad   React Native, Redux, Koa, ES6, Immutable, PostgreSQL

- Built an iOS and Android application that allows users to form small "squads" which consist of users that interact with each other a lot on a daily basis, and simplifies communication and coordination with features such as discussion boards, polls, and event scheduling.
- Link: http://github.com/gosquad

Query   Socket.io, Express, Angular, Clusterpoint, Pebble

- Built a pebble and web application that lets users ask questions anonymously during lectures in a classroom environment in real time that won HackingEDU 2015's best Clusterpoint Hack award
- Link: http://queryhacks.herokuapp.com

+ CONTACT

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+ LANGUAGES

JavaScript
HTML/CSS
C++
C#
Python
Java
BASH

+ FRAMEWORKS

React, React Native, Redux, Immutable, Node.js, Express, Koa, Angular, Mocha, jQuery, Meteor, Sass

+ DATABASES

MongoDB, PostgreSQL, MySQL

+ TOOLS

Unix, Git, Webpack, Gulp, Grunt, Browserify

+ INTERESTS

I **learn** about web, data science, algorithms, and great coding practices.
I **dominate** in badminton, ping pong, League of Legends, and Tetris.
I **love** tacos, anime, bubble tea, fitness, and tourism.

+ EDUCATION

University of Waterloo
Bachelor of Software Engineering
Sept 2013 - now