

Clement Hoang

☎ 415 335 3649
✉ clement.hoang24@gmail.com
🌐 <https://github.com/clemmy>
in <https://www.linkedin.com/in/clementhoang>
🌐 <https://clementhoang.net>

Skills

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

[Frameworks/Libraries] React, React Native, Redux, MobX, Express, Koa, Scrapy, Django, Jest, Mocha, Node, Angular, jQuery

[Databases] MongoDB, MySQL, Redshift/PostgreSQL, BigQuery, Firebase

[Tools] AWS (Redshift, S3, Lambda, Kinesis, EMR, EC2, SES, SNS), Firebase, Spark/Spark Streaming, Airflow, Jupyter, Zeppelin, Unix, Git, Webpack, Gulp/Grunt, Docker

Experience

- ▶ **Credit Karma** [Software Engineer] San Francisco, June 2018 - now
 - Tech lead responsible for driving high profile projects including Identity Monitoring, Credit Lock, Credit Health, and Relief Roadmap
 - Champions engineering efficiency and code quality by identifying technical debt early, raising awareness about it, then mitigating it
 - Mentored and grew others by running engineering bootcamps, mentoring interns, training new hires, and conducting team knowledge shares
- ▶ **Facebook** [React Engineering Intern] Menlo Park, Sept 2017 - Nov 2017
 - Championed the release of React Fragments with React v16.2
 - Prepared ecosystem for JSX fragments by submitting pull requests to open source libraries such as Babel/Babylon and reaching out to maintainers of popular Javascript libraries for collaboration
 - Made proposals and prototypes for various forms of JSX generator expressions
- ▶ **Memebox** [Data Engineering Intern] Seoul, Jan 2017 - Apr 2017
 - Maintained stable data pipelines built with Spark and Spark Streaming, with Airflow for scheduling (50+ GB data flow daily)
 - Built real time data visualization and alerting tools
 - Wrote data extraction tool for external sites using Scrapy that automatically refreshes for stale data periodically
 - Extracted keywords from Korean text for tagging products
- ▶ **Zenreach** [Software Engineering Intern] Toronto, May 2016 - Aug 2016
 - Contributed major updates to react-quill project with 1.3k stars on Github
 - Created interactive visualizations for customer data, improving browser coverage to over 99%
 - Built drag and drop email composer using React with Django, with event tracking infrastructure and behavioural analytics
- ▶ **Datera** [Software Engineering Intern] Mountain View, Sept 2015 - Dec 2015
 - Built interactive API explorer using the JSONSchema standard with AngularJS
 - Added core features to an in-house Javascript SPA framework including duplex streams for model access and React support
 - Designed and built admin panel for a distributed storage system

- ▶ **Ten Thousand Coffees** [Software Engineering Intern] Toronto, Jan 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** [Web Development Intern] Toronto, Apr 2014 - Aug 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

- ▶ **Coastline Market**
 - Worked with clients to build and design scalable technology solutions to connect seafood restaurants with fishermen, reducing the cost from middlemen
 - Used NodeJS, MongoDB, React Native, Socket.IO, Material Design
- ▶ **LUQL**
 - Worked with small team to build and maintain LUQL, a platform where locals create and guide experiences for adventure seekers, enthusiasts, and travellers
 - Built with Google Cloud Platform, Firebase, React, React Native, and NodeJS

Hackathons

- ▶ **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, Socket.IO, 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

Education

- ▶ **University of Waterloo** September 2013 - April 2018

- Bachelor of Software Engineering

Awards

- 2016** PokitDok API Winner at AngelHacks Silicon Valley
- 2015** Clusterpoint API Winner at HackingEDU
- 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

Interests

I **learn** about web and startups. I **play** badminton, ping pong, League of Legends, and Tetris. I **love** tacos, anime, bubble tea, fitness, and traveling. I **hate** doing planks.