**HOANG MINH LE**

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**EXPERIENCES**

**Software Developer** for Review Board project (<https://www.reviewboard.org/>)

*(January 2016 – April 2016) – 4 months*

* Implemented OAuth2 for Review Board’s API to standardize the authorization mechanism.
* Integrated Django OAuth took kit with Review Board’s APIs and configuration pages to minimize development effort, improve security and enhance user experience.
* Investigated, designed and implemented dynamic scopes support for OAuth2 to allow OAuth2 to be user for Review Board’s extensions (Django OAuth took kit does not support dynamic scopes).
* Generated weekly report and monthly video demo for mentors to coordinate development effort remotely.

**Research assistance** for Beehive project (<https://github.com/kandoo/beehive>)

*(January 2016 – April 2016) – 4 months*

* Designed and implemented experiment framework integrated with Microsoft Excel pivot table to run experiments, collect experiment metrics and graph experiment results.
* Implemented various optimization methods on load balancing workload in distributed environment.

**http://c.s-microsoft.com/en-us/CMSImages/mslogo.png?version=856673f8-e6be-0476-6669-d5bf2300391dSoftware Development Engineers Intern** at Microsoft

*(June 2014 – August 2014) & (May 2015 –July 2015) – 6 months*

* Enabled preview mode for dynamic layout and content for Window 10 store to increase confidence, reduce risk, simplify end-to-end verification, improve testing surface for any data change that could have worldwide impact.
* Designed and implemented protecting logic for preview feature to avoid DDOS on front door services.
* Drove the team's self-hosting progress, made sure the team is 100% self-hosting on PC and on Phone.
* Assisted Rating-Review team to created monitor services on new hosting environment.
* Created ASP .Net MVC 4 application for generating dynamic layout data for the Window 10.
* Set up Apache Zookeeper prototype for coordinating Window 10 store Rating-Review and dynamic layout data across data centers to provide consistent user experience across the globe.

**Software Development Engineers Intern** at Amazon.com

*(September 2014 – February 2015) – 6 months*

* Created single-page application using different technology (EmberJs, DynamoDB, Spring for dependency injection, JUnit, Mockito for testing) to validate Kindle's advertisements content.
* Assisted designer on building advertisement's templates for Kindle special offer program.

**Teaching Assistant for CSC258: Computer Organization** at University of Toronto

*(September 2013 – April 2014) – 8 months*

* Marked pre-labs, in-lab works, midterms and finals.
* Conducted labs with digital logic circuits and Verilog on weekly basic.
* Gave out assembly lecture while the instructor was away for conference.

**Associate Database Analyst** at Bank of America Merrill Lynch

*(May 2013 - August 2013) – 4 months*

* Supported migration from IBM - WebSphere Application Server version 6 to version 8.5.
* Developed an internal webpages using Java, JFS, Spring MVC framework, Hibernate, Apache Velocity, RAD, WAS that exposed 5000+ configuration differences 8 different environments.

**EDUCATION**

**Honours Bachelor of Science at University of Toronto with High Distinction**

*September 2011 – June 2016*

**Specializing in Computer science**

Cumulative GPA: 3.89 / 4.0