KU JIN SHIN

(Software Developer)

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WORK EXPERIENCE

May 2015 – Aug 2015 — **Mercatus Technologies Inc.**
Developed and designed new features with **Drupal 7** and **AngularJS** stack. Interacted with designers to deliver high quality UI/UX designed application.

Configured developing environment with **Vagrant** and implemented load balancer for horizontal scaling.

Sep 2014 – Dec 2014 — **Mercatus Technologies Inc.**
Took the role of project lead for the third revision of the application, which is built with **Laravel**, **AngularJS**, **LESS**.

Generated heatmap for user usages by integrating **Google Analytics** and **Heatmap.JS**, which led developers and project managers to create more user-focused products.

Jan 2014 – Apr 2014 — **Mercatus Technologies Inc.**
Reduced page speed by average of 400% by implementing automated build process with **Grunt** and **Require.js**.

Updated testing structures to include J**asmine** spies and more robust DOM management techniques which leading to a 70% defect reduction by helping the team to develop solid unit tests for **Backbone.js** frontend.

Refactored and polished up urgent client feature requests to help team to reach the project target successfully by following the **Agile** methodology.

Apr 2013 – Aug 2015 — **GatewayiQ** (The Steele Group Financial Inc.)
Refactored existing **PHP** architecture to follow the **MVC pattern** that lead more organized readable code for developer and saved memory usage from the application.

Developed automated pricing system to calculate monthly pricing based on the services and features that client used and generated invoice in PDF format, which is sent to the company's HR. **PCI compliance**, is achieved with Braintree.

Improved current UI/UX with **Bootstrap**, **Underscore**, **jQuery**.

PROJECT

June 2015 - Present — **listentothis.io**
Music sharing application that allows users to share their favourite song regardless of their platform. Built with Laravel, **MySQL**, jQuery, **SASS/Compass**, Slack API.

July 2015 — **Tip Jason**
Mobile tipping app to street performers through QR code scanning. Project built during BattleHack Toronto with Laravel, **Heroku**, ionic and **Paypal API**.

April 2014 — **Electronic Compass**
Created electronic compass with mix of gyroscope, accelerometer, magnetometer and **Raspberry Pi**. Project built with McMaster Mechatronics students and used **Python** and **C**.