

# Vishal Kuo

Electrical Engineering 2A  
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## Software

Java, Objective-C,  
JavaScript, MySQL,  
PostgreSQL, Python, C++,  
Haskell, PHP, Apache,  
AWS, and Git

## Hardware

Arduino, Raspberry Pi,  
VHDL, Spark Core, and  
Assembly (ARM)

## Environments

OS X, Windows, Linux  
Server, Ubuntu

## Links

[www.vishalkuo.com](http://www.vishalkuo.com)  
[github.com/vishalkuo](https://github.com/vishalkuo)  
[linkedin.com/in/vishalkuo/](https://linkedin.com/in/vishalkuo/)

## Summary

- Strong programming skills gained through developing end-to-end solutions for mobile and web platforms
- Experience in Agile methodology and SDLC
- Work well as both a leader and team player in workplace environment and extracurricular activities
- Passion for big data analysis and Internet of Things development

## Experience

### Software Developer and Automation Engineer

Toast Inc., U.S.A.: May 2015 - August 2015

- Created and optimized import/export features to improve restaurant setup time
- Developed sales generation functionality to assist in accurate data modeling
- Greatly improved testing coverage by enhancing automation framework and writing over 66% of total automation scripts
- Increased efficiency of test runs by 25% through build process improvements and optimizing Postgres interface
- Promoted to full-stack developer halfway through co-op term

## Projects more at [www.vishalkuo.com](http://www.vishalkuo.com)

### Futures Revealed: [github.com/vishalkuo/FuturesRevealed](https://github.com/vishalkuo/FuturesRevealed)

May 2015 – August 2015

- Official iOS and Android applications for the Futures Revealed organization designed to connect organization to its users
- Implemented secure REST API to easily deliver JSON data across mobile and web platforms

### gitScrub: [github.com/vishalkuo/gitScrub](https://github.com/vishalkuo/gitScrub)

July 2015 – August 2015

- Github tool that parses a user's repository README files into JSON data to help automate process of updating a personal website
- Over 1000 downloads on the npm registry

### summon: [github.com/vishalkuo/summon](https://github.com/vishalkuo/summon)

July 2015

- Real-time Android app to allow restaurant customers to make requests to employees from table
- Communicates with socket.io and PostgreSQL on backend

### pasteDump: [github.com/vishalkuo/pasteDump](https://github.com/vishalkuo/pasteDump)

May 2015 – July 2015

- iOS and Android app designed to easily share links between devices using both Facebook and custom authentication
- Built backend using PHP and MySQL

## Education

Candidate for Bachelor of Applied Science, Electrical Engineering  
2014 - Current: University of Waterloo, Waterloo, Ontario