

# VICTOR LE

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## EXPERIENCE/PROJECTS

### Foodai

<http://foodai-app.com>

- Mobile application built using concepts of machine learning along with **IMAGE RECOGNITION** to scan any household fridge and produce a combination of easy to follow recipes
- Over **10,000** possible recipes
- Developed a cross platform mobile application using **IONIC 2** to help give a richer user interface
- Used **CLARIFAI's** powerful visual recognition technology to retrieve contents inside the fridge

### DoubleCheck

<http://doublecheckmobile.com>

- Singlehandedly architected a mobile application to scan a prescription label and manipulate the data that was extracted
- Featured tools that can enlarge, exploit, and translate the text
- Built using Microsoft Cognitive Services **OCR** to enhance the user's experience. Orchestrated data inputs across multiple servers using **NODE.js** web application framework and **EXPRESS**.

### Wrinkle

<http://wrinkle-app.com>

- Constructed a wireless method for medication compliance. Works by letting the patient know when to take his/her medication as specified by their doctor via push notifications through Amazon Alexa
- Designed and built the whole software with **JAVASCRIPT (ES6)** and **TYPESCRIPT**
- Developed a serverless backend using **AWS LAMBDA** and **AMAZON API GATEWAY** to authenticate and process API requests

### PhreshFood

<http://phreshfood.com>

- Launched a hybrid mobile application that uses **QR** code technology to create a better restaurant experience
- Given over **300** menu items from several different fast food restaurants
- Built the entire animation flow using the **GREEN SOCK ANIMATION PLATFORM** framework
- Overall application as developed on top of **REACT NATIVE**

### WowVid

<http://wowvidclub.com>

- Created an online **VIDEO GENERATOR** assisting users place pictures, text, and music together to create a short video for their project
- Delegated tasks and organized video session with the help of Microsoft's translator, **BING's** search and spell checker API
- Took advantage of **GITHUB's** API to store a user's video content and have Microsoft host their video on their own personal **AZURE** URL

### Perfect Gift

<http://my-perfectgift.com>

- Developed a Chrome extension to injection to crawl through a **FACEBOOK** profile, devour all of their information and spit out a unique gift for that user
- Programmed the script using JavaScript and **USERSCRIPT** to bypass the computer security standard such as the **SAME ORIGIN POLICY**, and **CONTENT SECURITY POLICY**
- Integrated **AMAZON's PRODUCT API** to assist on the gift choices
- Using **NODE.js** for our backend, we achieve the ability to send data out of Facebook's website and into our server where we manipulated the object as we please. A deep level recursive parsing is done at each level of the object

### Fitness Strong

<http://fitnesstrong.com>

- Designed and built a **HYBRID FRAMEWORK** that generates daily workouts filtered by body parts and contains how-to videos for over **5000** exercises
- Used a hybrid framework, **IONIC 2**, with **ANGULAR 2** as the supporting JavaScript framework on top of it. Integrated jQuery UI Plugins to enhance the user experience
- Available on both the iOS app store and Google Play

## AWARDS

**1<sup>st</sup> Place Overall** | LehighHacks *Dec 2016*

**Best Use of Microsoft's Technology** | Hack@Brown *Feb 2017*

**Best Value Proposition for Students** | Johns Hopkins Hackathons-HopHacks *Oct 2016*

**Best Device Privacy Hack** | HackHolyoke IV *Oct 2016*

**Best Domain Name** | InventYU *Nov 2016*

**Most Commercially Ready Application** | AWS + Intel Hardware Hackathon NYC Edition *Dec 2016*

## SKILLS

### Programming Languages

Java  
Objective C  
Swift  
JavaScript  
PHP  
NodeJS  
Python  
C#  
.NET

### Libraries/ Frameworks

Angular 2  
Angular1  
Ionic 2  
Ionic 1  
Express.js  
GSAP  
CakePHP  
Laravel  
PhaserJS  
Backbone  
jQuery  
Ember  
Rx.js  
React.js  
Redux  
Three.js  
Babel  
Vue.js  
Socket  
Node.js  
Meteor  
Knockout

### Cloud Platform

Heroku  
Linode  
AWS  
Microsoft's Azure

### Tools/ Testing

Git/SVN  
NPM  
Grunt/Gulp