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EXPERIENCE / PROJECTS

Perfect Gift

<http://my-perfectgift.com>

- Developed a Chrome extension 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 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.

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 with **EXPRESS.js**.

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.

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 server-less 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 unique **AZURE** URL.

AWARDS / HACKATHONS

All hackathon's project can be found on <https://devpost.com/simplevictor>

1st Place Overall | **LehighHack** Lehigh University

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

Best Value Proposition for Students | **HopHacks** Johns Hopkins University

Best Device Privacy Hack | **HackHolyoke IV** Mount Holyoke University

Best Domain Name | **InventYU** Yeshiva University

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

Dec 2016

Feb 2017

Oct 2016

Oct 2016

Nov 2016

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