Nam Le

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AWARDS / HACKATHONS

Hacker's Choice Award | **University of Pennsylvania** - PennApps XIX *Jan 2019*
Best Sustainable | **George Washington University** - Hackital *Mar 2019*
Best Social Good Hack | **University of New York** - HackNY *May 2018*
Best Use of Technology| **Rutgers University** - HackRU *Oct 2018*
Best Use of Giphy API| **University of New York** - HackNY *Nov 2018*
Best Value Proposition for Students | **Johns Hopkins University** - HopHacks *Oct 2018*
Best Device Privacy Hack | **Mount Holyoke University** - HackHolyoke IV *Oct 2018*
All hackathon's project can be found on https://devpost.com/meNamLe

EXPERIENCE / PROJECTS

HandyCam
http://bit.ly/2PmeVUk
- Developed a cross-platform mobile application to translate sign language in real time.
- Established correct data models with the help if Clarifai's API to recognize sign languages.
- Used Ionic 3 for cross-platform development and Cordova Plugins for native device features.
- Built with JavaScript, ES6, Typescript, and Ionic 3.

Knock Lock
http://bit.ly/2IwjGKE
- Collaborated with a team of three to build a software that can unlock a car with a sequence of custom knocks.
- Integrated a piezo speaker to track the time interval between each knocks.
- Combined with an Arduino R3 micro-controller, an electrical pulse will be sent to the relay when given the correct sequence of knocks.
- Won Hacker's Choice Award and Top 5 at PennApp XIX.

PharmAlarm
http://bit.ly/2vdDJVt
- Worked with team of four to help anyone remind themselves the time medications are supposed to be taken and the exact amount to be taken.
- Launched an application that can pull texts from an image using Google Vision API. Inputs are then stored into a database AKA virtual drug cabinet.
- Built with JavaScript, ES6, Typescript, and Ionic 3.

Chef Happy
http://bit.ly/2Vgn3LC
- Single handedly architecture an app using image recognition to scan any fridge to produce a custom recipe.
- Utilized machine learning with Clarifai's image recognition to accurately determine ingredients in any household fridge.

North Star
http://bit.ly/2Dt3JRf
- Built a module that automatically optimize solar panel orientation. Allows for smarter, more sustainable cities.
- With the help of servo-motors, we can achieve a rotation of 360 degree.
- Won Best Sustainable award at George Washington University

SKILLS

Languages
JavaScript (ES6/7)
Node.js
Python
Java
PHP

Frameworks
React
Redux
Angular
Ionic
React Native

Testing
Jest
Protractor
Jasmine
Karma
Chai
Mocha
Cucumber
Selenium

Static Typing
Typescript
Flow

Bundler
Webpack
Browsify
FuseBox
Gulp / Grunt

Pre-Processor
SASS
LESS

Others
Git
Docker
Npm/Yarn
HTML5
CSS3