Kok Hao (Kevin) Yong

+ (60) 16 3900123 | haokokyong10@gmail.com | https://scravlon.com | github.com/Scravlon

Experience

Pitney Bowes Inc. | SendStation™   Jun 2019 – Dec 2019
Android Developer Intern

- Implemented and debugged with a team of agile developers an online mobile postage solution
- Developed marketplace application with eBay API and Amazon Marketplace Web Service API to read seller's orders for shipping
- Helped launch SendStation app in New Zealand market sold to 20+ clients with 5k+ packages shipped using the app
- Integrated Android devices to various printers and scales API and SDK to print shipping label and package weight reading
- Designed an interactive promotional webpage to promote SendStation mobile shipping solution with the project team
- Improved app performance by testing, debugging and analyzing crash report

IDM FEC SDN. BHD   Dec 2018 – Jan 2019
Web Developer Intern

- Created and maintained interactive website using HTML, CSS and JavaScript to improve product sale
- Collaborated with manager to design a User Interface

Machine Learning Drone Project   Nov 2018 – Dec 2018
Research Assistant

- Planned and integrated ODAS software, Raspberry Pi OS, ReSpeaker onto the drone
- Assisted in collecting surrounding sound data to detect obstacles for obstacles avoiding for drone using ReSpeaker

Projects

SportApp   Dec 2019 – Present

- Developed an appointment making application for sport associations to reserve spots in games using React Native and Firebase

Farmer's Marketplace   Sep 2019 – Dec 2019

- Led a team of agile developers to build a prototype Android marketplace application for local farmers to sell crops
- Utilized Firebase for login authorization and database

Face Recognition   Sep 2019 – Oct 2019

- Developed an Android custom camera filter application
- Utilized Google Mobile Vision API to detect faces and apply filters drawn by users to the faces.

Fitness App   Apr 2019

- Developed an Android application to calculate distance walked of users
- Utilized Handler threading to display push notification hourly to remind user to stand up hourly

Snooze   Dec 2017

- Designed and deployed a mobile game by using Unity3D engine
- **Published** on Google Play Store Dec 2017 with 100+ downloads

SplitMe   May 2017 – Aug 2018

- Developed a bill splitting app among friends using Android Studio
- **Published** on Google Play Store May 2017 – Aug 2018

CreditCard Wallet   June 2017 – Oct 2017

- Developed a credit card information storing wallet in an Android Smartphone
- Integrated Google and PayPal API to scan credit card information with NFC and Camera

Education

University at Buffalo, SUNY
Aug 2017 – Feb 2020
B.S. Computer Science; Dean's List   GPA 3.791/4.0

Skills

Programming	C#, C++, Java, Python, Kotlin, React Native
Web	CSS, HTML, JavaScript, ReactJS REST services, JSON, XML
Blockchain	Solidity
Environment	AWS, Android Studio, Google Cloud API, Git, Unity3D
Operating System	Android, Linux, Windows

Courses

Algorithms and Complexity, Artificial Intelligence, Computer Science I/II, Computer Security, Data Structure, Digital Systems, Computer Organization, Operating Systems, Software Engineering

Extracurricular Activity

Student president of Computing Club:

- Organized and Instructed computing courses to 50 student members twice a week

Association of Computing Machinery (ACM) member

- Participated in weekly tech talks and workshops hosted by ACM

Competitions & Hackathons

UB Blockchain Hackathon 2019

- Awarded **Second Place** for **M&T bank** best use case
- Designed a prototype solution of title search application with blockchain for M&T bank use case

Buffalo Hacking 2019

- Developed a food recipe randomizer Android application using **Wegmans API**

UB Hack Night Spring 2019

- Created a prototype campus delivery Android application
- Utilized Firestore database to store information of users and items for delivery

Buffalo Civic Hackathon 2019

- Created a prototype mobile application to promote recycling
- Utilized Google Map API to mark nearest location of recycling machines

Kuala Lumpur Engineering Science Fair 2015

- Created a full stack Android household tracking application for expired food
- Awarded **second place** in the competition