

YONG HOON SHIN

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EDUCATION

University College London

BSc Computer Science | Minor in Intelligent Systems

London, UK

Sep 2019 - June 2022

ACS (Independent)

International Baccalaureate (45 points, One of 95 Perfect Scorers worldwide)

Singapore

Jan 2013 - Dec 2018

WORK EXPERIENCE

MonstarLab, Inc

QA (Quality Assurance) Intern

Singapore

March 2019 - June 2019

- Led effort for QA testing Android and iOS apps developed for AIA and Indonesian clients
- Collaborated with developers from Singapore, Philippines and India to prevent 40+ bugs from being shipped to production.

PROJECTS

movens

<https://github.com/movens-app/movens-extension>

Chrome extension that synchronizes video playback between multiple users, allowing you to watch any videos on the internet with your friends in real time. Written in Typescript. Uses Redis to store and publish events in party sessions. Implemented audio chat with WebRTC.

Epiphany

<https://github.com/sarckk/epiphany>

Android app that leverages psychology research and Huawei's HMS Core API to provide a smart, personalised approach to social media addiction. Written in Kotlin. I wrote the code for the UI as well as data processing using Kotlin Flow and LiveData.

highlighter

<https://www.npmjs.com/package/highliter>

A lightweight (72.6kb unpacked) Javascript highlighting library with zero run-time dependencies, enabling developers to easily add highlighting functionalities to web projects. 120+ downloads to date.

AWARDS

2nd Place Award by Huawei @ HackZurich

Huawei | Sep 2020

Awarded 2nd place (as Best Social App) for the Huawei HMS Core Challenge at HackZurich 2020.

Worked on the Android app Epiphany (listed above). Wrote parts of the backend API in python (FastAPI) and the app in Kotlin. Also helped design the logo and choose the project name.

Finalist, HackZurich

HackZurich | Sep 2020

One of top 25 finalist teams in HackZurich 2020 out of 1092 participants chosen from an international pool of ~5500 applicants. HackZurich is Europe's largest and most prestigious hackathon.

1st Place, Facebook UK and Ireland Hack

Facebook | Aug 2020

Team placed 1st overall at the competitive programming competition organised by Facebook for all university students in the United Kingdom and the Republic of Ireland.

Outstanding First-Year Final Report

UCL Computer Science Dept | Aug 2020

Awarded cash prize for work selected as one of three best capstone reports in the cohort. The report proposed and analysed the use of an incremental k-nearest neighbour algorithm using a Point-Region Quadtree to match vulnerable people who need essential goods during the Covid-19 pandemic to nearby volunteers and shops. See report [here](#).

Winner, Gruppo FOS Challenge

NOI Hackathon | Aug 2020

Member of the winning team/project IOrAwAt, which enables fast transfer and retrieval of images (~1MB) over the Raw LoRa network.

<https://hackathon.bz.it/project/lorawat>

Most Useful Product Prize

UCL API Hackathon | Jan 2020

Used Javascript to build a Facebook messenger bot for UCL students, allowing students to access time table, view nearest bookable rooms, etc.

SKILLS

Programming languages: Javascript (React/ Vue/ Node.js), Typescript, Java, Kotlin, Python, C++