

IAN (YI HANG) YEN

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EDUCATION

CORNELL UNIVERSITY, UNITED STATES

July 2020

MS Health Informatics = Cumulative GPA 4.1

(Coursework languages: *SQL, Python, Stata*)

KING'S COLLEGE LONDON (UNIVERSITY OF LONDON), UNITED KINGDOM

Aug 2018

BA (Hons) Global Health and Social Medicine— First Class Honours, 72 (97.7th percentile) = GPA 4.0

*5th Ranked Uni. in the UK

PROGRAMMING

Front End: CSS, HTML5, JavaScript, JQuery, ReactJS, ES6, Context API, Hooks

Prototype: Balsamiq, Adobe XD

Database: SQL, MySQL, Microsoft Access

Familiar with **Agile methodologies**

COMPUTER SCIENCE PROJECTS

1. **COVID 19 Testing Web Kit:** coded a web testing tool to assess risks for covid19. [*HTML, CSS, JS, Bootstrap*] (48-hour hack).
2. **IBM Web App:** developed UI and JavaScript codes for a contact-tracing mobile app to prevent the coronavirus outbreak and personal transmission rate. [*HTML, CSS, JavaScript, Bootstrap*] (40-hour hack).
3. **Macro Calculator Web App:** coded a responsive web-based calculator. [*ReactJS, HTML, CSS, Bootstrap*].
4. **Portfolio Web App:** coded a responsive web-app to showcase personal projects. [*HTML5, CSS, JavaScript, JQuery, Bootstrap*].
5. **Google Travel App:** conducted interviews with product managers from Google and used the findings to develop user requirements and UI components for the mobile app prototype. [*Adobe XD*] (28-hour hack)
6. **COVID 19 SDI:** mined data from Google and US Census Bureau to develop an SDI. [*SQL, Python*] (168-hour hack).
7. **Fundrazr:** web scrapped Fundrazr (Health, Illness or Medical). Pages scrapped: 500. Dataset: 6005. [*Python, Scrappy Shell, XPath, Spiders*]

INTERNSHIP EXPERIENCE

HEALTH & HOPE UK, NEW YORK, USA

Mobile App Development | Master's Capstone Project

Jan 2020 to Present

- Design, develop and launch a global mobile application for population health surveillance.
- Own the design and implementation of major deliverables end-to-end
- Convert a design document into a working service with no loss in fidelity.
- Conduct workflow analysis, prototype design, and usability tests to inform the direction of strategies.

FAMILY PLUS HK, HONG KONG & CHINA

Front-End Developer

Oct 2018 to Aug 2019

- Code migration project through HTML5, CSS3 JavaScript – ReactJS, Bootstrap, JQuery.
- Produced functioning and serviceable code within deadlines, given well defined requirements.
- Participated in all reviews of own code; expected to maintain familiarity with approved and merged code.
- Accurately communicated the benefits, challenges, and constraints of a pioneering new interactive and/or technical undertaking.

DNAFit, HONG KONG & CHINA

Intern | Digital

June 2017 to Aug 2017

- Directly influenced digital product strategy and design by communicating clearly and in a compelling way.

HACKATHONS (FINALIST)

MIT, ONLINE, USA

May 2020

Data Engineer | Datathon

MIT, ONLINE, USA

April 2020

Front End Developer | COVID19 Challenge | Sponsor: AWS

CALTECH, PASADENA, USA

March 2020

Front End Developer | HackTech | Sponsor: Esri

MIT SLOAN SCHOOL OF MANAGEMNET, BOSTON, USA

Feb 2020

Front End Developer | Hack for Inclusion | Sponsor: Google

CORNELL UNIVERSITY, NEW YORK, USA

Feb 2020

Front End Developer | Health Hackathon in AI | Sponsor: IBM

LANGUAGE SKILLS

- English (Native) | Cantonese (Native) | Japanese (JLPT N2 Obtained) | Mandarin (Business)