

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

PROGRAMMING

Front End: CSS, HTML5, JavaScript, JQuery, REST APIs, ReactJS, NPM

Prototype: Balsamiq, Adobe Creative Suite

Database: SQL, MySQL, Microsoft Access, VBA

Familiar with SDLC and 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. **Google Travel App:** developed UI, 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)
3. **IBM Web App:** developed UI and JavaScript code for a contact-tracing mobile app to prevent the coronavirus outbreak and personal transmission rate. [HTML, CSS, JavaScript, Bootstrap] (40-hour hack).
4. **Macro Calculator Web App:** developed UI and coded a calculator. [ReactJS, HTML, CSS, Bootstrap].
5. **Portfolio Web App:** developed UI and coded a responsive web-app. [HTML5, CSS, JavaScript, JQuery, Bootstrap].
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 using Dimagi.
- Plan and execute mixed-method studies to evaluate the usability and efficacy of UX and UI and formulate insights.
- Conduct workflow analysis, concept sketches, prototype design, and usability tests to inform the direction of strategies.
- Work closely with stakeholders in the UK and Myanmar to understand their requirements and translate them into product specs.

FAMILY PLUS HK, HONG KONG & CHINA

Front-End Developer

Oct 2018 to Aug 2019

- Developed UI using HTML5, CSS3 and working with CSS pre-processors, and UI Frameworks, including React, JQuery.
- Translated, with high fidelity, mock-ups and wireframes into functional and robust web pages.
- Participate in our UI /UX development processes by establishing and documenting development standards.
- Worked with team to determine features and user flows, and to brainstorm and whiteboard concepts

DNAFit, HONG KONG & CHINA

Intern | Digital

June 2017 to Aug 2017

- Interpreted and analyzed research results through the lens of UX and social science.
- Directly influenced digital product strategy and design by communicating clearly and in a compelling way.

HACKATHONS

MIT, BOSTON, 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 MANAGEMENT, 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)