

Ian Huang

Medical Doctor | Researcher | Data Enthusiast

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US Citizen

Medical doctor with 6+ years of experience in clinical practice, currently pursuing interests in programming and data science with Python, SQL, and Tableau. I am motivated to use my medical expertise and analytical skills to solve healthcare challenges.

WORK EXPERIENCE

Singhealth Polyclinic, Singapore 2021-2023

Resident Physician / IT Champion

- Provided comprehensive medical care to a diverse patient population in a primary care setting.
- Managed a variety of medical conditions, including acute and chronic diseases, injuries, and complex patients with multiple comorbidities.
- Worked with the Quality Improvement team to improve prescription error rates in clinics.
- Acted as clinic IT representative in institution-wide IT committee meetings and facilitated IT onboarding for new hires.

Ministry of Health Holdings Pte Ltd, Singapore 2017-2021

Family Medicine Resident

- Rotated through various medical specialties, gaining hands-on experience in a tertiary hospital.
- Participated and presented in educational conferences, workshops, and seminars to enhance clinical knowledge and skills.
- Performed daily patient-centered activities, including chart review, drug prescription, patient communication, interdisciplinary team updates, diagnostic procedures, tests, and treatment.
- Developed proficiency with electronic health record systems and medical information documentation.
- Published a study on post-stroke functional outcomes in Cerebrovasc Dis Journal.

Chang Gung Memorial Hospital, Taiwan 2012-2013

Research Assistant

- Performed Western Blot for fluorescence quantification of heart-specific protein in rat models.
- Performed data cleaning, data analysis, and presentation of data using Microsoft Excel and Powerpoint.

EDUCATION

Duke-NUS Medical School, Singapore 2013-2017
Doctor of Medicine (MD)

Boston University, USA 2008-2012
Bachelor of Arts in Biochemistry and Molecular Biology

SKILLS

Microsoft Office Suite - Word, Excel, Powerpoint

Google Docs and Sheets

Power Bi / Tableau

Python / Numpy / Pandas / Scipy

SPSS

SQL

Basic Wet Lab

Electron Microscopy

Western Blot / Agarose Gel Electrophoresis

CERTIFICATIONS

Google Data Analytics

Basic Cardiac Life Support + AED Instructor

Dataquest - Python + Machine Learning

LANGUAGES

English, Chinese

[Tableau Interactive Resume](#)

