

ABOUT

Email: brianchu2010@gmail.com Website: chu-brian.github.io Hometown: San Francisco
 2023 M.D. Perelman School of Medicine, University of Pennsylvania (full-ride scholarship)
 2018 B.S. Stanford University, Chemistry with Distinction, Minor in Computer Science

WORK

2021-22 Medical Fellow, Doximity, SF

- Gap year working as associate PM (80%) and strategy analyst (20%) at a digital health company connecting hundreds of thousands of physicians daily
- Led product development of: [Couples Match Tool](#) (create shared rank lists, first-in-class), scheduled Dialer texts (beta), and Explore Cities (compare jobs in cities/hospitals, beta), working closely with teams of engineers, data analysts, designers, and marketers
- Led pilot to consolidate credentialing process for locum tenens and telemedicine, reducing time and tedious paperwork for job-seekers
- Advised product redesign, security, and integration of [AMiON](#) after acquisition
- Delivered diligences of competitors and partnerships with business development team

2017 Summer Associate: EY-Parthenon, SF

- Advised a top-5 pharmaceutical company on its supply-chain and go-to-market strategy for manufacturing personalized RNA vaccines
- Collaborated with patient-facing and manufacturing stakeholders to identify key logistical pain points for the client
- Leveraged scientific background to synthesize analyst reports, medical guidelines, and academic literature into easily understood business and strategic language

Representative Research (3 of 18). Full CV and side projects on website.

1. Ayers JW, Chu B, et al. Spread of misinformation about face masks and COVID-19 by automated software on Facebook. *JAMA Intern Med.* 2021.
2. Chu B, et al. Patient crowdsourcing of dermatologic consults on a Reddit social media community. *J Am Acad Dermatol.* 2020.
3. Mohiuddin J, Chu B, et al. Association of antibiotic exposure with survival and toxicity in patients with melanoma receiving immunotherapy. *J Natl Cancer Inst.* 2020.

Tools I use: R (tidyverse), SQL, Figma, Looker, Snowflake, Python (pandas, Jupyter), REST APIs, Unix, HTML/CSS/Bootstrap, REDCap, Anki

LECTURES & PRESENTATIONS

- 2022 MD+ Datathon (2nd Place of 35): “Predictive modeling for risk of discharge against medical advice during admissions using machine learning algorithms.”
- 2019 PennTalks Speech Competition 1st Place (judged by students, faculty, admin): “Do No Harm: How to prevent AI from perpetuating healthcare disparities.”

MISCELLANEOUS

Orgs	Stanford Viennese Ball, West Philly Swingers, ASCO, Phi Beta Kappa
Reviewer	<i>J Gen Intern Med, JMIR Dermatology, JMIR Mobile Health</i>
Hobbies	Swing dancing, piano, running, birdwatching
Scores	MCAT (525, 100%ile); USMLE Step 1 (260, 96%ile); Step 2 (272, 96-99%ile)