

CHINAT YU

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EDUCATION

Johns Hopkins University, Baltimore, MD

Expected May 2023

BS, Computer Science - GPA 3.58 **Secondary Major:** Psychology

Coursework: Intermediate Programming, Data Structures, Linear Algebra, Discrete Mathematics, Microeconomics, Probability and Statistics

Honors: Johns Hopkins Summer Provost Undergraduate Research Award

SKILLS

Languages: Unix, Python, Java, HTML, CSS, JavaScript, C, C++, R, Matlab

Software: Roam Research, Notion, Trello, IntelliJ, Adobe Creative Suite, Microsoft Office Suite Other: Bilingual (English, Cantonese & Mandarin)

PROJECTS / RESEARCH

STROAM App - *full-stack developer*

Aug 2020 - Now

- Created a Kindle to Roam toolkit to help parse Kindle notes into a Roam Research format for import
- Created a YouTube Playlist to Roam import Web App using Python Flask and YouTube API, receiving more than 100 views from the community for the tutorial on using the app

Pairwise Socratic Learning Method - *Independent Research*

Jul 2020 - Sep 2020

- Developed a unique study technique based on existing psychology research under the guidance of a Psychology professor at Johns Hopkins
- Held trial sessions with 10 students to get user feedback and improve the design iteratively

EXPERIENCE

PolyTechnic University, Hong Kong - *Guest Lecturer*

Dec 2020 - Now

- Created an interactive Python learning course through Jupyter Notebook on Google Collab
- Taught 30 design master students introductory Python using personal Notebook in a 3 hr course

RioDeFi, Hong Kong - *Intern Researcher*

Oct 2020 - Dec 2020

- Created a web app using Python Flask to monitor RioDeFi's crypto transactions over the past 72 hours
- Migrated organizational, logistical company practices to new platform, Notion, resulting in increased efficiency by removing 2 intermediary apps to streamline workflows
- Help the company to draft and research for a business plan, looking into competitors

Quest2Learn, Hong Kong - *Co-founder*

Mar 2020 - Now

- Co-founded an educational startup that allows remote lab learning through AR
- Coordinated the development of the app between the UX, UI and AR team

Leadership and Community Service

Student Government Association (JHU) - *Class Senator*

Sep 2019 - Now

- Organize 3 recreational events per semester for class of 2023, with over 100 attendees each
- Involved in the Student Organisations Committee that is responsible for recognising new groups and allocating funding, keeping the budgets of student organisations accountable

Matriculate Advising Fellow - *Peer Advisor*

October 2019 - Now

- Mentored 2 low-income, high achieving students in college application process by providing personalized advice on academics, personal growth, resulting in 100% mentees college enrollments

Hong Kong Students Association - *Executive Board*

August 2019 - Now

- Serve as representative for Inter-Asian Council to facilitate 6 events per semester with other cultural groups on campus to explore identity, promote cultural awareness

Hopkins 2020 Spring Hackathon - *Team Leader*

May 2020

- Helped ideate solutions for Hopkins to help adapt to fall teaching under COVID situations
- Facilitate conversation in a team of four that consisted of 2 faculty and 2 students