

Ryan Choi

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EDUCATION

University of Chicago, Chicago, IL

Bachelor of Science in Biology (specialization in Quantitative Sciences)

Expected, June 2022 **GPA: 3.86; MCAT 517**

EXPERIENCE

Khomtchouk Group - Department of Medicine, UChicago, Chicago, IL

Nov. 2019 — present

Lead Undergraduate Researcher

- Co-authored and submitted “Predicting Neurological Comorbidities of HIV with Supervised Machine Learning” to CID.
- Designed and currently researching a mendelian randomization study to discover causal genetic variants for HIV associated Cardiovascular Disease (CVD) in underrepresented populations.

Bridges Health LLC., Chicago, IL

Dec 2019 — present

CEO, Founder

- Developing mHealth application that seeks to better connect patients with physicians to tackle and prevent cardiovascular disease (bridgesapp.org).
- Finalist with \$5,000 funding for 2021 College New Venture Challenge (CNVC) at Chicago Booth School of Business.

Jaseng Hospital of Korean Medicine, Seoul, South Korea

June 2020 — Sept. 2020

Clinical Global Affairs Intern

- Shadowed under Dr. Me Riong Kim and translated Korean & English for patient care and lecture presentations at Jaseng Medical Care Academy.

Tirrell Group - Pritzker School of Molecular Engineering, Chicago, IL

May 2019 — Nov. 2019

Undergraduate Researcher

- Designed and characterized a novel polyampholyte to explore its potential pharmaceutical and chemical applications, especially in regards to protein adsorption and cancer drug delivery.

LEADERSHIP & EXTRACURRICULAR

Biological Science Division - UChicago, Chicago, IL

January 2021 — present

Teacher Assistant

- Lab and lecture TA for Physiology (BIOS 20188) and Quantitative Biology (BIOS 20151)

Hopes4Kids Foundation, Chicago, IL

Jan. 2020 — present

Lead Student Coach & Organizer

- Designed the Coding curriculum for students passionate for Computer Science and the Financial Literacy program for underrepresented populations.
- Mentoring and tutoring students weekly from the south side on mathematics and coding.

Student Government COVID-19 Committee, Chicago, IL

July 2020 — March 2021

Co-Chair

- Spurred conversations with the Board of Trustees on COVID-19 related issues in the College.
- Initiated Student Digest for centralized Facebook newsletter regarding online RSO activities.

Comer Children's Hospital, Chicago, IL

Dec. 2019 — March 2020

Student Volunteer (36 hours)

- Volunteered in the Comer's playroom and hospital bedsides to organize activities for patients.

SKILLS & INTERESTS

Technical: Python, R, Scikit Learn, Mendelian Randomization, GWAS, Adobe Creative Cloud

Languages: English & Korean (native), Spanish (4 years)

Interests: Computational Biology, Genomics, AI, basketball, rowing, photography