

Harim Chun

Biomedical Science
Korea University College of Medicine
Anam-Ding 5-Ga, Seongbuk-Gu, Seoul, 136-701 Korea

PERSONAL DATA

- **Birth of date** 20th Oct 1996, in Republic of Korea
- **Nationality** Korean
- **Email** bgr1663@korea.ac.kr
- **Gender** Male
- **Military Service** Yes
- **Homepage** <https://harimchun.github.io>

PERSONAL STATEMENT

- I am a diligent and honest graduate school student. I am interested in Cancer Genomics, Single-cell RNA sequencing. My long-term goal is to be an expert in bioinformatics who study disease or cancer-specific gene discovery. Through the graduate program, I am expected to do up-to-date research to accomplish my goal.

EDUCATION

Soongsil University

Seoul, Korea

Undergraduate Student

Mar. 2015 – Feb. 2021

- Bachelor of Science in School of systems Biomedical Science

University of Mississippi

University, Mississippi, USA

Exchange Student, Biology

Jan. 2019 – May 2019

Korea University College of Medicine

Seoul, Korea

Graduate Student

May. 2021 – Present

- Biomedical Science

GPA AND ENGLISH SCORE

- Undergraduate GPA: 4.11 / 4.5, Percentage equivalent: 94.0 / 100

RESEARCH INTEREST

- ✓ Next Generation Sequencing (NGS)
- ✓ Cancer genomics
- ✓ Unraveling the biological mechanism of genes
- ✓ Single-Cell RNA-sequencing

RELEVANT SKILLS AND EXPERIENCE

Software language Python, R, SQL

Good Computer Skills Hadoop, Apache Spark (python, scala based), Linux, Google Cloud Platform, Azure, Neo4J, AWS

Post-genome informatics lab

Soongsil University

Research Intern (Advisor: Professor Sangsoo Kim)

Seoul, Korea

Aug. 2019 - Present

Insilicogen, INC.

Internship

Yongin, Korea

Jul. 2019 – Aug. 2019

- Planned a personalized fruit and vegetable drink service referring to the personal genome data (prototype, via Neo4J)

Choi. Lab (Human Genetics and Genomics Lab)

Korea University

Undergraduated Research Intern (Advisor: Professor Jungmin Choi)

Graduate Student

Jul. 2020 – Feb. 2021

Mar. 2021 - Present

Personal Project during the Undergraduate Course

- Identifying expression quantitative trait loci for pro-inflammatory response triggered by TIFA with genome-wide association study (Practice of Biostatistics)
- Drug repositioning and virtual screening against the calcium-dependent protein kinase 1 (CDPK1) with SMINA (Computational Molecular Biology and Lab.)
- In silico analysis of gene expression and binding affinity to predict the susceptibility to covid-19 of pan-cancer patients (Undergraduate Thesis)

TEACHING

CoRE (Collaboration Real Energy) Tutoring, Soongsil University

Tutor

Seoul, Korea

Sep. 2019 - Dec. 2019

- Taught Hadoop File System and PySpark to students who took “**Distributed Big data Computing**” class for the whole semester
- Taught python programming to students who are not accustomed to the python programming

AWARDS AND HONORS

Semester Honor Scholarship

Soongsil University, 2016

CoRE Tutoring Best Tutor Award

Center for Innovative Teaching and Learning, Soongsil University, Korea, 2020

Semester Honor Scholarship

Soongsil University, 2020