**Harim Chun**

School of systems Biomedical Science

Soongsil University

Soongsil University 369 Sangdo-Ro, Dongjak-Gu, Seoul, Korea

# Personal Data

* **Birth of date** 20th Oct 1996, in Republic of Korea
* **Nationality** Korean
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* **Mobile** 010-8615-1663
* **Gender** Male
* **Military Service** Yes
* **Homepage** https://harimchun.github.io

# Personal statement

* I am a diligent and honest person who is looking for graduate school for my advanced study. My major is the School of systems Biomedical Science (Bioinformatics & Bioengineering). During the undergraduate course, I got interested in next-generation sequencing (NGS), Cancer genomics, Unraveling the biological mechanism of genes, Genomic data analysis via machine learning, and Epigenomics.

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 - Present

• Bachelor of Science in School of systems Biomedical Science

**University of Mississippi University, Mississippi, USA**

*Exchange Student, Biology* Jan. 2019 – May 2019

# GPA and English Score

* Undergraduate GPA: 4.11 / 4.5, Percentage equivalent: 94.0 / 100
* TOEIC: 875 (out of 990)

# Research Interest

* Next Generation Sequencing (NGS)
* Cancer genomics
* Unraveling the biological mechanism of genes
* Genomic data analysis via machine learning

# 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 Seoul, Korea**

Soongsil University Aug. 2019 - Present

*Research Intern (Advisor: Professor Sangsoo Kim)*

**Insilicogen, INC. Yongin, Korea**

*Internship* 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 Jul. 2020 - Present

*Undergraduated Research Intern (Advisor: Professor Jungmin Choi)*

**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 UniversitySeoul, Korea

*Tutor* 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