

# Harim Chun

School of systems Biomedical Science  
Soongsil University  
Soongsil University 369 Sangdo-Ro, Dongjak-Gu, Seoul, Korea

## PERSONAL DATA

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- **Birth of date** 20<sup>th</sup> Oct 1996, in Republic of Korea
- **Nationality** Korean
- **Email** bgr1663@gmail.com, harim1020@soongsil.ac.kr
- **Mobile** 010-8615-1663
- **Gender** Male
- **Military Service** Yes

## PERSONAL STATEMENT

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- 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

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### Soongsil University

*Undergraduate Student*

- Bachelor of Science in School of systems Biomedical Science

**Seoul, Korea**

Mar. 2015 - Present

### University of Mississippi

*Exchange Student, Biology*

**University, Mississippi, USA**

Jan. 2019 – May 2019

## GPA AND ENGLISH SCORE

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- Undergraduate GPA: 4.06 / 4.5, Percentage equivalent: 93.0 / 100
- IBT TOEFL: 86 (Reading: 24, Listening: 19, Speaking: 19, Writing: 24)
- TOEIC: 875 (out of 990)

## RESEARCH INTEREST

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

## RELEVANT SKILLS AND EXPERIENCE

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**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)*

**Choi. Lab (Human Genetics and Genomics Lab)**  
Korea University Jul. 2020 - Present  
*Under graduated Research Intern (Advisor: Professor Jungmin Choi)*

**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)

**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

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**CoRE (Collaboration Real Energy) Tutoring**, Soongsil University **Seoul, 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

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**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