

# Jiin Choi



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## CAREER GOAL :

My dream is to become an expert in various Omics data analysis. As genomic sequencing technologies are developing faster than ever, I would contribute to develop about sequencing data analysis technology. Also, I want to help to improve therapeutic methods and diagnostic methods about many incurable diseases by approaching bioinformatics. Recently, I would like to develop innovative AI drug discovery method by applying the aforementioned technologies to deep learning.

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## RESEARCH INTEREST :

1. Cancer genomics
  2. Bioinformatics
  3. Precision medicines
  4. Deep learning
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## MILITARY SERVICE :

2017.03 ~ 2018.12 : Completed military service at the ROKA

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## EDUCATION :

B.S :

Department of Bioscience, Biotechnology, Kyungpook National University (2016.03 - 2022.02)

M.S :

Biomedical convergence science & technology, School of

convergence, Kyungpook National University (2022.03 - Present)

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#### **LANGUAGE EFFICIENCY :**

TOEIC : 840

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#### **RESEARCH EXPERIENCES :**

- ▶ 2021.07 ~ 2021.08 : Research Intern at Personalized Genomic Medicine Research Center, Korea Research Institute of Bioscience and Biotechnology(KRIBB), Korea / Summer internship
  - ▶ 2021.09 ~ 2022.02 : Research intern at Computational Genomics Lab, Department of Biomedical convergence science & technology, Kyungpook National University, Korea / Undergraduate Intern
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#### **OTHERS ACTIVITIES :**

- ▶ 2016.03 ~ 2016.12 : Joining volunteer group in Department of Natural science, Kyungpook National University
  - ▶ 2021.03 ~ 2021.06 : COVID-19 campus preventer at Kyungpook National University
  - ▶ 2021.08 : Academic Excellence Scholarship , Kyungpook National University
  - ▶ 2021.09 ~ 2021.12 : Taking a online lecture of K-Genome Online Lecture(KGOL) - Easy Genome Analysis for Biomedical engineer
  - ▶ 2022.01 ~ 2022.02 : Mentee of 2022 winter job mentoring program, Samsung Bioepis(EPIS Day, J/D : Clinical Project Manager)
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#### **Projects :**

- ▶ 난치성 종양 환자 내 유전체적 구조 변이에서 기인하는 신항원 프로파일링, NRF, Korea / Brain tumor immune expression profiling (Sep. 2021 ~ Present)
  - ▶ Single cell RNA sequencing in Gastric Cancer, Kyungpook National University Hospital, Korea / Gene expression profiling of Gastric cancer single cell RNA sequencing data (Mar. 2022 ~ Present)
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#### **CERTIFICATIONS :**

Certification of Korean history Level 1

Word processor certification

Computer specialist in spread sheet & Database Level 2

Genetic data analyst level 1 (KGOL)

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**TOOLS and SKILLS :**

Microsoft excel, Python, Pandas, R, Linux, Bash,

Basics of tensorflow

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**DECLARATION :**

The information provided above is accurate to the best of my knowledge.