

# Curriculum Vitae – Sooyoung Cha

Laboratory of Machine Learning and Bioinformatics

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## Education

03/2019–02/2024      **B.Sc.** in Electrical & Computer Engineering, SNU, Seoul, Republic of Korea

## Research experience

09/2024–              **Integrated PhD candidate** with Prof. Dr. Martin Steinegger  
Seoul National University, Seoul, Republic of Korea

02/2024–08/2024    **Research intern** with Prof. Dr. Martin Steinegger  
Seoul National University, Seoul, Republic of Korea

10/2021–04/2022    **Research intern** with Prof. Dr. Martin Steinegger  
Seoul National University, Seoul, Republic of Korea

01/2021–07/2021    **Research intern** with Prof. Dr. Sunghoon Kwon  
Seoul National University, Seoul, Republic of Korea

## Publications

Sommer M J, **Cha S**, Varabyou A, Rincon N, Park S, Minkin I, Pertea M, Steinegger M,  
Salzberg S L. Structure-guided isoform identification for the human transcriptome.  
*Elife* 11, e82556, 2022

## Posters

## Technical Strengths

C++ , Python, Matlab, R

## Funding, fellowships and achievements

## Teaching & workshops

## Peer review

## Languages

Native              Korean  
Fluent             English  
Intermediate    French