KIM, DONGWOOK

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CURRICULUM VITAE

Education

03/2019 -	Ph.D. candidate in Bioinformatics at Seoul National University
03/2019 - 02/2022	Completed Master's and Doctor's Integration Course in Bioinformatics at Seoul National University
03/2015 - 02/2019	B.S. in Biological Sciences, minor in Computer Sciences at Seoul National University

Research experience

03/2022 -	Technical Research Personnel at the College of Natural Sciences, Seoul National University. *full-time*
12/2021 -	Ph.D. candidate at the Steinegger Lab., Seoul National University. *full-time*
03/2019 - 11/2021	Ph.D. candidate at the Laboratory of Evolutionary Bioinformatics, Seoul National University. *full-time*
06/2017 - 02/2019	Intern at the Laboratory of Evolutionary Bioinformatics, Seoul National University
06/2014 - 07/2014	Visiting student at the Neurovascular Research Laboratory, Department of Radiology, Massachusetts General Hospital, Harvard Medical School
03/2013 - 02/2014	Visiting student at Hyeon Soo Kim Lab., Department of Anatomy, College of Medicine, Korea University

ACHIEVEMENTS AND QUALIFICATIONS

Awards, Fellowships and Achievements

2019	Graduated *cum laude* (GPA 3.87/4.30)
2015	National Science & Technology Scholarship from the National Research Foundation of Korea

Certificates

2019	Advanced english proficiency, Test of English Proficiency (Score 492/600, percentile rank 94.65%)

Technical Strengths

Programming	Java, Python, C++, HTML, Shell scripting
Databases	SQL, MySQL

Languages

Korean	Native
English	Fluent

TALKS, POSTERS, AND PUBLICATIONS

Talks

11/2021   IMBG Young Scientist Symposium, Korea, EzAAI - A High-Throughput Pipeline for Prokaryotic AAI Calculations

Posters

06/2020   ASM Microbe 2020, USA, UUCGf: Whole-Genome Profiling Pipeline of Fungi with Fungal Core Gene Set for High-Resolution Phylogenetics

Publications

[1] **Kim D.**, Gilchrist C.L.M., Chun J. and Steinegger M. (2022) UFCG: database of universal fungal core genes and pipeline for genome-wide phylogenetic analysis of fungi, *Nucleic Acids Research*, doi: 10.1093/nar/gkac894

[2] Kim J., Na S., **Kim D.** and Chun J. (2022), UBCG2: Up-to-date bacterial core genes and pipeline for phylogenomic analysis, *Journal of Microbiology*, doi: 10.1007/s12275-021-1231-4

[3] **Kim D.**, Park S. and Chun J. (2021), Introducing EzAAI: a pipeline for high throughput calculations of prokaryotic average amino acid identity, *Journal of Microbiology*, doi: 10.1007/s12275-021-1154-0

Public source codes

EzAAI   https://github.com/endixk/ezaai

UFCG   https://github.com/steineggerlab/ufcg