Jong Sung (Jason) Kim

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https://jasonkimprojects.github.io/
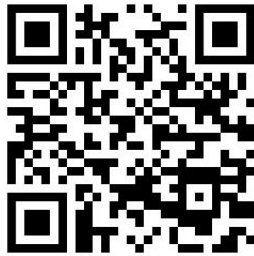
Education

University of Michigan, Ann Arbor, MI
September 2017 - May 2021
GPA 3.929 / 4

B.S.E. in Computer Science
College of Engineering

Minor in Biology
College of Literature, Science, and the Arts

Coursework

Electrical Engineering & Computer Science
388, Introduction to Computer Security
370, Introduction to Computer Organization
281, Data Structures and Algorithms
280, Programming and Introductory Data
    Structures
203, Discrete Mathematics

Biology
305, Genetics
281, General Ecology
207, Introductory Microbiology

Industrial & Operations Engineering
265, Probability and Statistics for Engineers

Mathematics
214, Applied Linear Algebra

Professional Experience

Computer Technician
Information and Technology Services,
University of Michigan
October 2017 - Present

Part-time work study position in the Tech Repair department. Performed diagnosis of hardware and software problems followed by part installation. Communicated repair estimates to customers and insurers. Authorized service provider for Apple, HP, and Dell.

Languages

Speaks fluently:
C++, C, Java, Python, English, Korean

Speaks at an intermediate level:
x86, MIPS, ARM, Bash, MATLAB, HTML, CSS, JavaScript, SQL, Spanish

Achievements

University Honors
March 2019, EECS Scholar (Departmental)
March 2019, James B. Angell Scholar
March 2018, William J. Branstrom Freshman Prize

Notable Projects

Rosalind (In Progress)
A platform for bioinformatics programming questions and algorithms. Repository contains my own solutions. Visit my website for more info.

EasyLSB
Encodes and decodes messages inside bitmap images by least significant bit steganography. Uses the *BitmapParser* library.

BitmapParser
A free and open source library in C++ for parsing and editing bitmap images.

2048 and Pong
Replica of two simple and well-known games as a study of the Swing GUI widget toolkit in Java.

Evo(lved)
Custom firmware for the HTC Evo 4G+. A personal project focused on Android operating system structure and scripts.

Leadership Experience

Casual Gaming Club, University of Michigan
Event Coordinator
January 2019 - Present

Managed equipment rental, setup, transport, and storage. Responsible for engagement with members at events and inclusivity within the club.

Member Communications Lead
October 2017 - January 2019

Moderated and analyzed the club's online forum encompassing 460+ members. Wrote greetings and weekly event announcements.