Jong Sung (Jason) Kim

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https://jasonkimprojects.github.io/
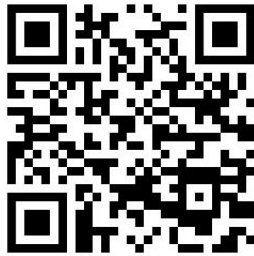
Education

University of Michigan, Ann Arbor, MI (U-M)
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 - Asterisk Denotes In Progress

**Electrical Engineering and
Computer Science** (EECS)
485, Web Systems*
388, Introduction to Computer Security
376, Foundations of Computer Science*
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

Languages

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

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

Professional Experience

Undergraduate Instructional Aide, EECS 388
College of Engineering, U-M
September 2019 - Present

Responsible for teaching a discussion section and holding office hours on a weekly basis. Created, revised, and/or graded assignments (homeworks and projects) and the final exam. Answered questions from students on the class forum.

Computer Technician
Information and Technology Services, U-M
October 2017 - April 2019

Performed diagnosis of hardware and software problems followed by part installation. Communicated repair estimates to customers and insurers.

Achievements

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

Notable Projects

ZeroSteg
Interactive website made with JavaScript for steganography using zero-width characters in Unicode. Hides and reveals text within a text.

Rosalind
A platform for bioinformatics programming questions and algorithms. Repository contains my own solutions. Please refer to personal website for more information.

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.