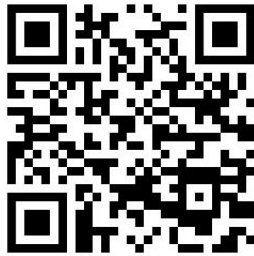


# Jong Sung (Jason) Kim

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<https://jasonkimprojects.github.io/>



## Education

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### 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

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### 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

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### Speaks fluently:

C++, C, Java, Python, English, Korean

### Speaks at an intermediate level:

x86, MIPS, ARM, Bash, MATLAB, HTML, CSS,  
Bootstrap, JavaScript, SQL, Spanish

## Professional Experience

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### 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

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### University Honors

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

## Notable Projects

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### 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.