

Jong Sung (Jason) Kim

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Education

University of Michigan, Ann Arbor, MI (U-M)

College of Engineering

September 2017 - May 2021

B.S.E. in Computer Science, Minor in Biology

GPA 3.948 / 4 with 124 credits completed

Academic Honors

April 2020, MDP Summer Research Fellowship

March 2019, EECS Scholar

March 2019, James B. Angell Scholar

March 2018, William J. Branstrom Freshman Prize

Fall 2017- Present, University Honors & Dean's List

Coursework

Computer Vision	Artificial Intelligence
Web Systems	Machine Learning
Computer Security	Foundations of Computer Science
Computer Organization	Data Structures & Algorithms
Programming & Intro. Data Structures	Discrete Mathematics
Probability & Statistics	Multivariable Calculus
Applied Linear Algebra	Genetics Laboratory
Genetics	Evolution
General Ecology	Microbiology

Languages

Fluent in C/C++, Java, Python (Flask, PyTorch, scikit-learn, SciPy), LaTeX, English, Korean.

Intermediate proficiency in x86, MIPS, ARMv8, Bash, MATLAB, HTML, CSS (Bootstrap), JavaScript (React, jQuery), SQL, Spanish.

Professional Experience

Automotive Cybersecurity Intern

Lear Corporation, Ann Arbor, MI

Canceled and tentatively postponed to Summer 2021 due to COVID-19.

Research Assistant

Multidisciplinary Design Program (MDP)

Sponsored by Aptiv PLC

January 2020 - Present

Evaluated the adaptability of open-source intrusion detection software to Aptiv's requirements towards a connected vehicle gateway.

Presented reports, executive summaries, and design reviews. Additionally responsible for project management, automated testing, and mentor communications.

Continued over Summer 2020 with the generous support of the MDP Summer Research Fellowship.

Instructional Aide, EECS 388

College of Engineering, U-M

September 2019 - Present

Staffed an undergraduate computer security course. Responsible for teaching a discussion section, holding weekly office hours, and grading. Implemented and/or tested new course projects and autograders.

Computer Technician

Information and Technology Services, U-M

October 2017 - April 2019

Performed diagnosis of hardware and software problems followed by part installation.

Projects For Fun

JasonDrive

When Jason gets bored over winter break: a bungled replica of Google Drive with Python/Flask in the back end and React in the front.

Rosalind

Competitive platform for bioinformatics programming questions. Ranked in top 1% of approx. 74,000 users.

EasyLSB

Embeds and decodes hidden messages inside images using least significant bit steganography.