

Ian Kim

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An aspiring, scholarly engineer with a deep and committed interest in the aerospace engineering field that creates new ideas and structures that can help lead our society into the future.

EXPERIENCE + PROJECTS

Michigan Aeronautical Science Association, Ann Arbor, MI — Propulsion Engineer

September 2023 - Present

As one of the best collegiate rocketry teams in the entire US, MASA's goal is to design, build, and launch the best liquid-fueled rockets. Specifically as a part of propulsion, we are responsible for designing propellant valves, the rocket engine, and other associated hardware at their best, in order to ensure that the launch is always successful.

U of Michigan Solar Car Team, Ann Arbor, MI — Aerodynamics Engineer

September 2022 - February 2023

#1 University Solar Car Team in the Western Hemisphere. As a part of the aerodynamics subteam, I help to design the outer shell of the vehicle in order to make the car move as efficiently as possible.

Senga Engineering, Santa Ana, CA — Engineering Intern

June 2021 - July 2021

As an intern at a precision CNC manufacturing company, I learned all about the process of designing, manufacturing, and measuring a variety of different parts used for aerospace, defense, medical, connectors, and energy companies.

EDUCATION

University of Michigan, Ann Arbor, MI — BSE in Aerospace

August 2022 - April 2026

Cumulative GPA: 4.0/4.0

#1 Public University of the US according to QS World Rankings. Currently attending and taking the courses required for Aerospace Engineering.

Troy HS, Fullerton, CA — HS Diploma + Full IB Diploma

August 2018 - June 2022

Top STEM School in California. Graduated with a 4.83 Weighted Academic GPA and was part of the IB Diploma Programme, an international program for global scholars. Also was a part of the Robotics Team, Game Development Team, and others.

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SKILLS

CAD (Solidworks, Siemens NX)

CMM (Handling the Machine)

Computational Fluid

Dynamics (CFD)

MatLab and C++

AWARDS

William J. Branstrom Prize -

Awarded for being in the top 5% of the freshman class

Salutatorian of Troy HS -

Received for Academic Excellence among a graduating class of 700

Certificate of Recognition by the US House of

Representatives - For volunteer service and academic excellence.

President's Award for Educational Achievement - For academic excellence

AP Scholar with Distinction

2020, 2021, 2022 - For receiving a 5 on AP Physics C Mech, AP Physics C E&M, AP Calculus BC, AP Physics 2, AP CSP, AP Statistics, AP Euro, and AP English Language.

LANGUAGES

English, Korean, Spanish