

Charles (Charlie) SOWERBY

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EDUCATION

JUNE 2021 University of California, Los Angeles - Bachelor of Science
(Expected) Majors: Physics & Mathematics
GPA: 3.52/4.00

JUNE 2017 University of Chicago, Laboratory Schools (High School)

RELEVANT COURSEWORK MAJOR GPA: 3.61

Physics	Mechanics Electricity and Magnetism Optics and Waves Physics Laboratory: Mechanics Quantum and Statistical Mechanics Mathematical Methods of Physics
Mathematics	Multivariable Calculus Linear Algebra Differential Equations Linear Algebra Analysis (I & II)
Computer Science	Intro to Computer Science I, II (C++) Computer Architecture (High School)

WORK AND LEADERSHIP EXPERIENCE

March-Present	Undergraduate Researcher <i>Basic Plasma Science Facility, UCLA</i> Worked during the school year to build and program a Raspberry Pi controlled relay circuit to be used for plasma diagnostics.
<i>Summers</i> 2014-2018	Pool Lifeguard <i>University of Chicago, Ratner Athletic Center</i> Spent summers working as part of a team ensuring patron safety and dealing with both life-threatening and non life-threatening issues.

OTHER SKILLS

Computer Skills	Basic Knowledge: Python, Java, HTML 5 & CSS, Mathematica, Matlab Intermediate Knowledge: C++, L ^A T _E X
Languages	German (Conversational)

AWARDS & HONORS

College	College Honors Program Deans Honors List	2017 - Present Fall 2017
High School	Class of 2017 Illinois State Scholar AATG National German Exam Gold Award	2015, 2016, 2017