

QILIN SUN (Samuel)

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA

May 2025

Bachelor of Science in **Physics**, minor in **Robotics**

Relevant Coursework:

11-485 Introduction to Deep Learning

15-213 Introduction to Computer Systems

24-104 Introduction to Modern Making

24-200 Maker Series: Intro to Manual Machining

INTERNSHIPS

Colibri Technologies, Inc. Summer Intern.

July 2020

Prototyped a program in C++ simulating human control of computer mouse and keyboard.

TECHNICAL SKILLS:

Programming Languages: C, Python

Understanding in PyTorch framework

Familiar with HTML, CSS, MySQL, and basics of Django web framework

Intermediate Solidworks skills, basic Altium Designer skills

EXTRACURRICULAR ACTIVITIES

Cathaypath Institute of Science summer program.

June-July 2018

Built a computer simulation of high-energy heavy ion collisions and learned generally about particle physics

AWARDS

Meritorious in High School Mathematical Contest in Modeling 2019

1st Prize in British (Oxford) International Open Piano Competition 2020

Silver Prize in International Space Station Design Competition Beijing Final Round 2018

Octa-Finalist in North American Speech and Debate Association Novice Group Shenzhen Round 2017

OTHER SKILLS:

Familiar with Adobe Premiere Pro, Photoshop, and Aftereffects

Piano (passed ABRSM level 8 exam)

Proficient in FL Studio 20