QILIN SUN (Samuel)

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA   May 2025
Bachelor of Arts 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