



LK

LOGAN KOJIRO

ELECTRICAL AND COMPUTER ENGINEER | WWW.LOGANKOJIRO.COM

SKILLS

- C/C++
- Python
- System Verilog
- Arduino
- MATLAB
- Unix
- Git
- x86-64
- Solidworks

LEADERSHIP/AWARDS

- Eagle Scout
- National Honor Society
- Japanese National Honor Society
- Team Captain

ACTIVITIES

- Varsity Swim Team
- Sigma Phi Epsilon Fraternity
- Cello

EXPERIENCE

RESEARCH ASSISTANT • SPRING/SUMMER 2017

CARNEGIE MELLON BIOROBOTICS LAB

Emulated snake movement and behavior in a robot with a team of engineers and biologists.

Developed proficiency in MATLAB and the Hebi Robotics API through work on robot's series elastic actuator modules

EDUCATION

B.S. ELECTRICAL AND COMPUTER ENGINEERING • MAY 2020 •

CARNEGIE MELLON UNIVERSITY

Relevant Coursework

Introduction to Computer Systems

Fundamentals of Programming and Computer Science

Integration, Differential Equations, and Approximation

Calculus in Three Dimensions

Principles of Imperative Programming

Structure and Design of Digital Systems

PROJECTS

DIGITIZE • TARTAN HACKS 2018 •

Developed in 24 hours, uses Microsoft's Custom Vision API, OpenCV, and Pillow to analyze images of our representations of circuit elements. Then performs QM simplification to find the reduced Boolean expression

BURST • 15-112 TERM PROJECT •

Uses various signal-processing techniques to generate a visual representations of musical tracks



LKOJIRO@ANDREW.CMU.EDU



503-360-7669



LINKEDIN.COM/IN/LKOJIRO