# Yasunori Toshimitsu

https://yasu31.github.io yasu313nori@gmail.com

**Education** University of Tokyo

Tokyo, Japan

Candidate for B.S. in Engineering

2020

- Department of Mechano-Informatics, Faculty of Engineering

GPA 3.3/4

Massachusetts Institute of Technology (MIT)

Massachusetts, USA

Semester-long exchange program from University of Tokyo

Sep. 2018 - present

**Experience** 

## Intern in Connected Robotics

Tokyo, Japan

Food robotics startup in Tokyo

Feb. 2018 - Aug. 2018

- Lead the development of a soft serve ice cream-dispensing robot, now deployed in a theme park(Huis Ten Bosch) in Japan
- Conducted joint research with Toyohashi University of Technology on the effects of robotic eye movement on human-robot interactions

## **Undergraduate Research at JSK Robotics Lab**

Tokyo, Japan

- Implemented a dynamically stable walking gait(LIPM) on a miniature humanoid robot

Sep. 2017 - present

## **ETH Sustainability Summer School**

Zurich, Switzerland

"Mountain Forests & Risk Management"

Jul. 2017

- Worked with students of various nationalities and disciplines to come up with a solution to sustain mountain forests and their neighboring communities

## Leadership

## **Live in SPACE Project**

Tokyo, Japan

Science communication organization to encourage public interest in space exploration

Apr. 2015 - Jun. 2017

- Lead the development of a model space probe to explain how measurements/communications work in space

## University of Tokyo Challenger's Guild

Tokyo, Japan

Project-based class to create innovative solutions for real-world tasks

Apr. 2017-Nov. 2017

- Tasked by a history museum to develop an interactive exhibit
- Project leader for the development of "Virtual Window", an interactive 3D environment to view exhibits and simulated environments

## **HLAB Obuse summer school**

Nagano, Japan

Camp for high school students to experience liberal arts education

Mar. 2017 - Oct. 2017

- Managed \$20k worth budget as the head of finances
- Organized a series of lectures in which leaders from various fields were invited to speak with the high school students

#### **Skills**

## **Programming**

Python, C++, Lisp, ROS, git

#### Hardware

CAD (Fusion 360, Solidworks), circuitry, prototyping boards, 3D printing, laser cutters, soldering

## Language

Japanese (native), English (native-level), French (conversational)