Yasunori Toshimitsu

https://yasu31.github.io vasu313nori@gmail.com

5-18-28 Kugayama, Suginami Tokyo, Japan 168-0082

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

Sep. 2017 - present

miniature humanoid robot

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

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

Language

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