

## **Rumika Chiba**

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### **Summary**

Project owner of RumiCar with over nine years of experience creating a development environment of autonomous driving systems. Passionate about working for dreams that autonomous vehicles drive all around the world.

### **RumiCar, Self-developed, Project owner**

April 2013 - Present

- Develop an autonomous driving algorithms development platform
- Hold hands-on seminars, joining around 100 people
- Mass-produce more than 300 RumiCar packages including car bodies and PCBs
- Organize communities in Facebook with 300 people, GitHub to share RumiCar programs and instructions, and YouTube channel

### **Professional history**

**ZMP**, Full-time, Project manager,

June 2021 - Present

- Deliver ride-sharing service of autonomous driving robots
- Execute autonomous delivery robot business
- Evaluate service and software by writing test reports and collecting feedback
- Improve management & monitoring system for autonomous robots
- Coordinate business, engineering, and operation teams from 30 countries in English and Japanese

### **Research**

**Student internship**, Syracuse University Lab and Akrobotix

May 20th - August 27th, 2018

- Built autonomous drones and its electronic circuits
- Calibrated drone brushless motors
- Tuned and adjusted drone parameters

## **Solar UAV, Tokai University Lab**

April 2019 - March 2020

National project promoted by NEDO

- Developed an UAV to control drones using communication satellites
- Managed power usage of an UAV for semi-permanent flight

## **Skills**

Being familiar with autonomous vehicle news, Project management, Leadership, Social collaboration, Pioneering, Intercultural communication, Programming language C

## **Education**

### **University of Southern California, Los Angeles CA**

Viterbi School of Engineering, Department of Computer Science

January 2021 - May 2021

Introduction to Programming Systems Design, Computer Networks

### **USC International Academy, Los Angeles CA**

Pre-Master program, GPA 3.7

May 2020 - December 2020

### **Tokai University, Japan**

Bachelor of Electrical and Electronic Engineering

April 2016 - March 2020

**\*Awards include:** IEEJ Electrical Academic Women Activities Encouragement Award, The Institute of Electrical Engineers of Japan, Kanagawa branch (March 31st, 2020) \*

### **Syracuse University, English Language Institute, Syracuse NY**

August 2017 - May 2018

Intensive academic English course, exchange student from Tokai University, received perfect attendance, member of Student Council

## **Scholarship**

### **Tobitate! (Leap for Tomorrow) Study Abroad Initiative,**

September 2017 - August 2018

Young Ambassador Program led by Japan's Ministry of Education, Culture, Sports, Science, and Technology (MEXT)