# Atsuki YAMAGUCHI

**email**: atsuki.yamaguchi1@gmail.com          **Website**: https://gucci-j.github.io/about/
**GitHub**: https://github.com/gucci-j

## EDUCATION

SEP 2019-SEP 2020 | Master of Science in Computer Science with Speech and Language Processing (with Distinction), **The University of Sheffield**, Sheffield, United Kingdom
Thesis: "Dementia Detection from Narrative Speech Using Multitask Learning and Mixup" | Advisor: Prof. Aline Villavicencio

APR 2015-MAR 2019 | Bachelor of Engineering in Computer and Information Sciences (Hons.), **Tokyo University of Agriculture and Technology**, Tokyo, Japan
Thesis: "Generating Emoji with Conditional Variational Autoencoders and Word Embedding" | Advisor: Prof. Katsuhide Fujita
GPA: 3.63 / 4.00 | Earned 176 credits (128 credits are required for graduation)

FALL 2017 | Exchange Semester at Electronics and Communications Engineering, **De La Salle University**, Manila, Philippines
GPA: 2.82 / 4.00 | Earned 14 credits

## WORK EXPERIENCE

JAN 2021-present | Researcher
Research and Development Group, Hitachi, Ltd., Tokyo, Japan
Working on natural language processing-related projects.

SEP 2020-present | Research Intern
The University of Sheffield, Sheffield, United Kingdom
Working on building efficient language representation models in the research group led by Dr. Nikolaos Aletras.

MAY-JUN 2018 | Teaching Practice
Tokyo Denki University Junior and Senior High School, Tokyo, Japan
Worked for three weeks and taught Information Technology to first-year and fourth-year students.

JAN-FEB 2018 | Computer Engineer (Intern)
JTEKT Philippines Corporation (JPC), Batangas, Philippines
Worked in general affairs (IT section) for one month. Maintained internal server systems.

## SCHOLARSHIPS

SEPTEMBER 2019 | International Postgraduate Taught Merit Scholarship (£5,650)
Sponsored by: The University of Sheffield
Competition rate: 100 new international students were nominated from all applications.

APR 2019-DEC 2020 | Carlit Holdings Scholarship (¥ 30,000/month)
Sponsored by: Carlit Holdings Co., Ltd.
Competition rate: five students were nominated from all applications.

| AUG 2016-MAR 2019 | Kawamura Foundation Scholarship (¥ 30,000/month) |
|---|---|

**AUG 2016-MAR 2019**  Kawamura Foundation Scholarship (¥ 30,000/month)
Sponsored by: Kawamura Scholarship Foundation
Competition rate: five students were nominated from 46 selected universities in Japan.

**APR 2016-MAR 2019**  Outstanding Student Scholarship (¥ 100,000/year)
Sponsored by: Tokyo University of Agriculture and Technology
Competition rate: the top few percent of students were nominated based on GPA.

**AUG 2017-FEB 2018**  JASSO Student Exchange Support Program (¥ 70,000/month)
Sponsored by: Japan Student Services Organization (JASSO)
Competition rate: not yet public

## AWARDS & CERTIFICATES

**MARCH 2019**  Outstanding Student Award
Certificated by: Tokyo University of Agriculture and Technology
Competition rate: the best overall performance in the BEng Degree

**MARCH 2019**  High School Teacher's Certificate (Mathematics & Information)
Certificated by: Tokyo Metropolitan Board of Education

**JULY 2018**  IELTS® Overall 7.0 / 9.0
Certificated by: British Council

**MARCH 2018**  TOEIC® Score 925 / 990
Certificated by: Educational Testing Service

## LANGUAGES

JAPANESE:  Native │ ENGLISH:  Fluent

## PROGRAMMING SKILLS

Basic Knowledge:  MySQL, HTML, CSS, JavaScript
Intermediate Knowledge:  Python (incl. PyTorch, TensorFlow, Keras, Scikit-learn), C, Java

## PUBLICATIONS & PRESENTATIONS

**International Conference (refereed)**
1. *Atsuki Yamaguchi*, Kosui Iwasa and Katsuhide Fujita, "Dialogue Act-based Breakdown Detection in Negotiation Dialogues," The 16th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2021), Online, April 2021. (Long paper; To appear)
2. *Atsuki Yamaguchi* and Katsuhide Fujita, "Breakdown Detection in Negotiation Dialogues," Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI-20), New York, USA, February 2020. (Student Abstract)
3. *Atsuki Yamaguchi* and Katsuhide Fujita, "Breakdown Detection in Negotiation Dialogues," European Natural Language Processing Summit (EurNLP) 2019, London, United Kingdom, October 2019. (Acceptance rate: 30.5%; Non-archival)
4. *Atsuki Yamaguchi* and Melvin Cabatuan, "Generative Model Based Frame Generation of Volcanic Flow Video," IEEE HNICEM 2017, Manila, Philippines, December 2017.

**Regional Conference (oral)**

1. *Atsuki Yamaguchi,* Kosui Iwasa and Katsuhide Fujita, "Predicting Issue Weights and Detecting Breakdowns in Negotiation Dialogue," IEICE SIG-AI, Hokkaido, Japan, July 2019.
2. *Atsuki Yamaguchi* and Katsuhide Fujita, "Generating Emoji with Conditional Variational Autoencoders and Word Embedding, " JSAI 2019, Niigata, Japan, June 2019.