

Kento Katsumata

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Committed to empowering software developers in harnessing the potential of AWS through the design and implementation of serverless architectures and related areas, drawing upon a wealth of front-end and back-end development knowledge. Fluent in both English and Japanese, with a specialization in serverless computing, ubiquitous computing, and machine learning.



EDUCATION

MASTER OF MEDIA AND GOVERNANCE

Keio University | 2020/09 ~ 2022/09

Cyber Informatics Program

- Member of Jin Nakazawa/Jun Murai Lab

B.A. ENVIRONMENT AND INFORMATION STUDIES

Keio University | 2016/09 ~ 2020/09

- Member of Jin Nakazawa/Jun Murai Lab
- Leader of Computing for Human Well-being Research Group



EXPERIENCE

CLOUD SUPPORT ENGINEER I, SUPPORT ENGINEERING

Amazon Web Services Japan G.K. | 2023/04 ~ Present

- Proficient in AWS' developer-centric services especially focused on Lambda, API Gateway, Amplify, StepFunction, SQS, SNS, CloudWatch, Serverless architecture, and more.
- Works directly with leading enterprises and engineering teams within Amazon.
- Employs architectural best practices and advanced troubleshooting techniques to provide tailored solutions that address the distinct requirements of customers.
- Reproduces many different infrastructure patterns in order to replicate and document bugs.

SOFTWARE ENGINEER (INTERNSHIP)

Yahoo Japan Corporation | 2020/09 ~ 2020/10

- Collaborated with the engineering team members to develop new bookmark feature for Yahoo! Japan app
- Created and implemented log schema for future analytics

LAUNCHING TEAM MEMBER / SENIOR INSTRUCTOR / SERVICE LEADER

Life is Tech USA, Inc. | 2019/04 ~ 2023/03

- Worked jointly with a team of 6 members and developed and launched "Disney Codeillusion" (<https://codeillusion.io>), an online coding tutorial game, in USA
- Designed and spearheaded challenging and engaging lesson plans for students
- Analyzed feedback to improve service standards and received high customer satisfaction rating (4 out of 5 stars)

CURRICULUM DIRECTOR (WEB SERVICE, LIFE IS TECH LESSON) / MENTOR (INSTRUCTOR)

Life is Tech, Inc. | 2017/05 ~ 2023/03

- In charge of curriculum development and operations for Web Service Programming Course
- Development of Life is Tech! Lesson, Japan's No.1 programming curriculum for schools
- Taught iOS, Unity, Web design, Video Editing, and Digital Music to 700+ middle and high school students
- Motivated students to develop creative and innovative thinking skills through coding and team building activities
- Instructed 50+ young mentors on technical skills and performance management



PUBLICATION

K.Katsumata, Y.Honda, T.Okoshi, and J.Nakazawa. 2023. COVIDGuardian: A Machine Learning approach for detecting the Three Cs. In Proceedings of the 12th International Conference on the Internet of Things (IoT '22). Association for Computing Machinery, New York, NY, USA, 147–150.

K.Katsumata, Y.Eigen, Y.Noda, M.Tsuruoka, S.Hashiba, S.Numoto, S.Katayama, T.Okoshi, and J.Nakazawa, "Motivating Long-term Dietary Habit Modification through Mobile MR Gamification" In Proceedings of the 17th Annual International Conference on Mobile Systems, Applications, and Services (MobiSys '19 South Korea, Seoul). ACM, New York, NY, USA, 671-672.

K.Katsumata, Y.Noda, N.Isokawa, S.Katayama, T.Okoshi and J.Nakazawa, "SleepThermo: The affect of in-cloth monitored body temperature change during sleep on human well-being." in Proceedings of The 2019 ACM International Joint Conference on Pervasive and Ubiquitous Computing Adjunct Publication – UbiComp '19 United Kingdom, London Adjunct, 2019, pp. 1602–1607



SKILL

Serverless

Data Analysis

Machine Learning

Networking

Python

Ruby

Unity C#

Swift

HTML/CSS/JS

TypeScript



AWARD

FINALIST & AWARD OF EXCELLENCE

SPAJAM Hackathon 2020

FIRST PLACE

Smart Hackathon by ZENRIN 2019