Kohki Mametani

OPEN SOURCE SOFTWARE DEVELOPER · YOUTUBE CONTENT CREATOR

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"Only a life lived for others is a life worthwhile."

Skills

Programming	Python, C, Java
Languages	Japanese, English
Familiar Frameworks	PyQt5, LibGDX, Pygame

Education

Doshisha University *Kyoto, Japan*

BACHELOR OF ENGINEERING *Apr. 2015 - Exp. Mar. 2019*

- Cumulative GPA 3.2/4.0

Experience

Undergraduate Research, Spoken Language Processing Lab(Prof. Seiichi Yamamoto, Advised by Tsuneo Kato) *Kyoto, Japan*

RESEARCHER *Apr. 2018 - Exp. Mar. 2019*

- Analyzed hidden representations of end-to-end speech synthesis systems.
- Empirically demonstrated the correlation between HMM-based and neural TTS models.
- Trained and ran large scale neural networks written in Tensorflow and PyTorch.
- Developed various classifiers by PyTorch.

Open Source Projects

Joytan *GitHub*

MAINTAINER *Oct. 2017 - Mar. 2018*

- Developed a cross-platform desktop application with PyQt5.
- Gained skills of speech technology (TTS) and web-scraping.
- Built installers for Windows, Mac, and Linux and opened a website for download.

Pycraft *GitHub*

CONTRIBUTER *May. 2017 - Jun. 2017*

- Fixed a design flaw in the code base and optimized object-oriented programs.

Extracurricular Activity

Joytan App *Kyoto, Japan*

FOUNDER AND CREATOR *Jan. 2018 - PRESENT*

- Shared 50+ educational videos, which were created with a software I developed, for language learners on video-sharing websites
- Gained 150+ subscribers & 12000+ views on YouTube.