Lester Phillip VIOLETA

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Personal Profile

Research Interests: Speech processing in minimally-resourced datasets: speech recognition, voice conversion
Last Updated: Oct 2022

Education

Nagoya University   *Nagoya, Japan*
Ph.D. in Intelligent Systems   *Apr 2023 (Planned) - Mar 2026*
- Adviser: Prof. Tomoki Toda

Nagoya University   *Nagoya, Japan*
MS in Intelligent Systems   *Apr 2021 - Mar 2023*
- Adviser: Prof. Tomoki Toda
- Research Title: Topics in Minimally-Resourced Speech Processing: Pathological Speech Recognition

Ateneo de Manila University   *Quezon City, Philippines*
BS in Electronics Engineering   *Aug 2015 - May 2020*
- Adviser: Prof. Jose Claro Monje and Prof. Erees Queen Macabebe
- Research Title: Microgrid Energy Management System Development for Remote-Island Electricity Access

Institut Catholique d'Arts et Metiers, Site de Paris-Senart   *Lieusaint, France*
Research Exchange Student   *Aug 2019 - Jan 2020*
- Adviser: Prof. Meriem Labourel

Work Experience

NTT Media Intelligence Laboratories   *Kanagawa, Japan*
Research Science Intern, Adviser: Dr. Atsushi Ando   *Mar 2021 - Mar 2021*

Hitachi Ltd.   *Tokyo, Japan*
Research Science Intern, Adviser: Dr. Takashi Sumiyoshi   *Jan 2022 - Feb 2022*

Wasimil   *Freelance, Remote*
Machine Learning Engineer   *Jan 2020 - June 2020*

Senti AI   *Makati, Philippines*
Software Engineer   *May 2021 - Dec 2021*

Cascadeo Corporation   *Quezon City, Philippines*
Software Engineer   *June 2019 - Feb 2021*

Publications (International Conferences)

Investigating Self-supervised Pretraining Frameworks for Pathological Speech Recognition   *Interspeech 2022*
Lester Phillip Violeta, Wen-Chin Huang, Tomoki Toda   *Incheon, Korea, Sep 2022*

Two-Stage Training Method for Japanese Electrolaryngeal Speech Enhancement Based on Sequence-to-Sequence Voice Conversion   *SLT 2022*
Ding Ma, **Lester Phillip Violeta**, Kazuhiro Kobayashi, Tomoki Toda   *Doha, Qatar, Dec 2022*

Towards Identity Preserving Normal to Dysarthric Voice Conversion   *ICASSP 2022*

Wen-Chin Huang, Bence Mark Halpern, **Lester Phillip Violeta**, Odette Scharenborg, Tomoki Toda   *Singapore, Singapore, May 2022*

Publications (Domestic Conferences)

Sequence-to-sequence Voice Conversion Training using Synthetic Parallel Data for   *ASJ Fall 2022*
Electrolaryngeal Speech Enhancement

Ding Ma, Lester Phillip Violeta, Kazuhiro Kobayashi, Tomoki Toda   *Hokkaido, Japan, Sep 2022*

A Comparison of Pretraining Frameworks for Improving Pathological Speech Recognition   *ASJ Fall 2022*

Lester Phillip Violeta, Wen-Chin Huang, Tomoki Toda   *Nov 2021 - Dec 2021*

Skills

Programming	Python (PyTorch, Pandas, NumPy, Scikit-learn. etc.).
Miscellaneous	Linux, Shell (Bash/Zsh), LaTeX(Overleaf/R Markdown), VIM, Git.
Speech Processing Toolkits	ESPNet, s3prl.

Achievements

2023	**Ph.D. Fellow**, Nagoya University Interdisciplinary Frontier Fellowship	*Nagoya, Japan*
2022	**Awardee**, Interspeech 2022 Travel Grant	*Incheon, Korea*
2021	**Full Master's Degree Scholarship**, Monbukagakusho Japanese Government Scholar	*India*

Languages

Tagalog	Native proficiency
English	Bilingual proficiency
Japanese	Conversational proficiency