

# Yen Meng

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## Education

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### **University of Edinburgh**

PH.D. IN ILCC, SCHOOL OF INFORMATICS

*Edinburgh, Scotland*  
*Sept 2023 - Present*

### **Nation Taiwan University**

M.S. IN COMMUNICATION ENGINEERING, DATA SCIENCE AND SMART NETWORKING GROUP

*Taipei, Taiwan*  
*Sept 2021 - Jun 2023*

### **Nation Taiwan University**

B.S. IN ELECTRICAL ENGINEERING

*Taipei, Taiwan*  
*Sept 2017 - Jun 2021*

## Research

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### **The Centre for Speech Technology Research**

ADVISORS: PROF. Hao Tang AND PROF. Sharon Goldwater

*University of Edinburgh*  
*2023 - Present*

### **Speech Processing and Machine Learning Laboratory**

ADVISORS: PROF. Lin-Shan Lee & PROF. Hung-yi Lee

*National Taiwan University*  
*2021 - 2023*

### **Frederick Jelinek Memorial Summer Workshop (JSALT, JHU Summer Workshop)**

COMPRESSION TEAM & SPEECH-TEXT PRE-TRAINING TEAM

*Baltimore, MD, U.S.A. (remote)*  
*2022 Summer*

## Work Experience

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### **FAIR, Meta AI**

RESEARCH SCIENTIST INTERN (SUPERVISOR: ANDY CHUNG)

*Cambridge, Massachusetts*  
*Jun 2025 - Sep 2025*

- in-context learning for omnilingual ASR model
- speech sentence embedding model

## Publications & Preprints

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### PREPRINT

- Omnilingual ASR team, "Omnilingual ASR: Open-Source Multilingual Speech Recognition for 1600+ Languages". 2025

### PUBLISHED (\*equal contribution)

- Sung-Lin Yeh\*, **Yen Meng\***, and Hao Tang. "Whisper Has an Internal Word Aligner". *ASRU 2025*

- **Yen Meng**, Sharon Goldwater, and Hao Tang. "Effective Context in Neural Speech Models". *Interspeech 2025*

- Hsuan-Jui Chen\*, **Yen Meng**\*, and Hung-yi Lee. "Once-For-All Sequence Compression for Self-Supervised Speech Models". *ICASSP 2023*

- **Yen Meng**\*, Hsuan-Jui Chen\*, Jiatong Shi, Shinji Watanabe, Paola Garcia, Hung-yi Lee, and Hao Tang. "On Compressing Sequences for Self-Supervised Speech Models". *SLT 2022*

- **Yen Meng**\*, Yi-Hui Chou\*, Andy T. Liu, and Hung-yi Lee. "Don't speak too fast: The impact of data bias on self-supervised speech models". *ICASSP 2022*

## Awards & Honors

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- 2023 **Fully-funded Informatics Graduate School Ph.D. Scholarship**, University of Edinburgh  
2023 **Phi Tau Phi Award**, National Taiwan University

## Academic Services

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- 2025 **ARR**, Official Reviewer  
2022-2024 **ICASSP**, Official Reviewer  
2023 **MLSP 2023**, Official Reviewer  
2022 **ISCSLP 2022**, Official Reviewer