

# Seung-won Park (박승원)

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yyyyy (at) snu.ac.kr | <https://swpark.me> | seungwonpark @ GitHub | Last updated 2022.01.16

## Education / Work

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- [Seoul National University](#) 2017.03 – 2018.12, 2021.03 – 2022.06 (expected)
  - Pursuing a BS degree in Physics (GPA 3.92/4.30), double majoring in CS (GPA 3.31/4.30)
  - Research Intern at [MARG](#), [Supertone Inc.](#) 2021.10 – now
- [Symbiote](#) 2021.03 – 2021.07
- [MINDs Lab, Inc.](#) 2018.06 – 2021.02
  - Senior/Head AI Scientist 2020.01 – 2021.02  
Focused on TTS & VC projects; co-led the research team (HR, managing, etc.)
  - Also made the followings available via a Cloud API service:  
Text-Independent Speaker Verification, Speech Separation, Diarization, Enhancement.
- [Gyeonggi Science High School for the gifted](#) 2014 – 2017

## Research

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- Assem-VC: Realistic Voice Conversion by Assembling Modern Speech Synthesis Techniques  
ICASSP 2022, [Kang-wook Kim, **Seung-won Park**, Junhyeok Lee, Myun-chul Joe] [arXiv](#) / [Demo](#)
- Generating Novel Glyph without Human Data by Learning to Communicate NeurIPS 2020  
Workshop on Machine Learning for Creativity and Design, [**Seung-won Park**] [arXiv](#) / [Slides & Video](#) / [Colab](#)
- Cotatron: Transcription-Guided Speech Encoder for Any-to-Many Voice Conversion without  
Parallel Data Interspeech 2020, [**Seung-won Park**, Doo-young Kim, Myun-chul Joe] [arXiv](#) / [Demo](#) / [GitHub](#)
- Feedback Control of Forced Air-Cooling Speed for Prevention of SCP's Overheating 2016, [박승원, 오정현]
- SCP Artificial Muscle로 작동하는 Antagonistic Robot Arm의 Feedback 제어 2015, [김형주, 박승원, Luong Anh Tuan, 문형필]

## Activities

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- Reviewer: ICLR (2022, 2021, 2020), ICML (2022), NeurIPS (2021)
- Numerous open source contribution @ GitHub (below are some highlights)
  - [MelGAN](#) – Reproduced the results before release of an official implementation.
  - [VoiceFilter](#) – I was acknowledged within the paper.
  - [GSHS TeX Society](#) – Founder, Server admin 2015.12 – 2017.02
- [Deepest](#): SNU Deep Learning Society 2019.01 – 2021.08, Vice President during 2020.02 – 2021.02

## Honors and Awards

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- Presidential scholarship on science 2017 – 2022, fully funded scholarship for undergrad course
- GSHS best research award on physics 2016, 2017
- 22th Samsung Humantech Paper Award – Silver Prize 2016
- 47th IPHO – South Korean team candidate (Top 14) 2016
- [Hanseong Sonjaehan Scholarship](#) 2015 – 2016, 5M KRW per year
- 1st prize on GSHS physics problem solving competition 2014, 2015

Please refer to <https://swpark.me/cv> for more comprehensive list of my history. End of document.

