

Seung-won Park (박승원)

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This is a comprehensive list of my history. For a compact version, please refer to my [Resume](#).

Education / Work

- [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.
 - Worked as a substitute of mandatory military service 2019.02 – 2021.02
- [Gyeonggi Science High School for the gifted](#) 2014 – 2017
 - Proposed and conducted research project as intern at [RISE Lab. @ Sungkyunkwan Univ.](#)
along with Hyoungjoo Kim 2015.04 – 2015.12

Research

- Assem-VC: Realistic Voice Conversion by Assembling Modern Speech Synthesis Techniques
Under review at 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

- 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
 - 1 weekly hosting + 1 group project for each season (half-year)
- [Lorem Ipsum Seminar](#) 2017
 - CS seminar of two physics students and one chemistry student
- Executive staff @ [Korean TeX Society](#) 2017.03 – 2019.10

Honors and Awards

- Presidential scholarship on science 2017 – 2022, fully funded scholarship for undergrad course
- Competitive Programming (Codeforces: veydpz)
 - [UCPC 2018](#) – 14th place
 - [SNUPC 2017](#) – 2nd place on Div.2
- 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
- Passed all 5 BS-level tests on [Physics Certification Exam](#) 2014 – 2016
 - Operated by [The Korean Physical Society](#) – Classical Mechanics, Electromagnetics, Quantum Mechanics, Thermodynamic & Statistical physics, Optics
- [Hanseong Sonjaehan Scholarship](#) 2015 – 2016, 5M KRW per year
- 1st prize on GSHS physics problem solving competition 2014, 2015

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