Seungwon Park (박승원)

- E-mail: yyyyy (at) snu (dot) ac (dot) kr
  - *Why so many 'y's?* – I love to ask why (pronounced like 'y') something happens!
- Webpage: swpark.me
- GitHub: seungwonpark

Education / Work

- MindsLab 2018.6 – 2018.8, 2019.1 – now
  - Senior AI Scientist 2020.1 – now
    - Leading audio-related research projects in MindsLab
  - AI Scientist
    - Korean news article summarization
    - Text-Independent Speaker Verification, Speech Separation, Diarization, Enhancement (Audio)
    - Real-time Neural Text-To-Speech, Voice Conversion (Audio)
    - ... and more exciting projects going on!
  - Attended ICASSP 2019, DLRLSS 2019, InterSpeech 2019, NeurIPS 2019
  - Working as a substitute of mandatory military service 2019.2 – 2021.2
- Seoul National University 2017 – now
  - Currently in temporary absence for mandatory military service
  - Pursuing a BS degree in Physics (GPA 3.91/4.30)
  - Double majoring in CS (GPA 3.06/4.30)
- Gyeonggi Science High School for the gifted 2014 – 2017.2
  - Got first prize on GSHS physics problem solving competition(2014, 2015), beating several IPhO gold medalists in school
  - Proposed and conducted research project as intern at RISE Lab. @ Sungkyunkwan Univ. along with Hyoungjoo Kim 2015.4 – 2015.12

Research

Disclaimer: None of those are published.

- SCP Artificial Muscle로 작동하는 Antagonistic Robot Arm의 Feedback 제어 2015, [김형주, **박승원**, Luong Anh Tuan, 문형필]
  - Precise feedback control of SCP Artificial Muscle introduced by Haines et al.(2014)
  - 22th Samsung Humantech Paper Award – Silver Prize
- Feedback Control of Forces Air-Cooling Speed for Prevention of SCP's Overheating 2016, [**박승원**, 오정현]

- One of the first attempts to feedback control the SCP's cooling speed
- GSHS best research award on physics

Honors and Awards

- Physics
    - IPhO – South Korean team candidate 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
- Competitive Programming (Codeforces: veydpz)
    - UCPC 2018 - 14th place
    - SNUPC 2017 – 2nd place on Div.2
- Scholarship
    - Presidential scholarship on science 2017 – now
    - Hanseong Sonjaehan Scholarship 2015 – 2016

Open Source Contribution

- MelNet - Group project @ Deepest
- MelGAN - I reproduced the results before an official implementation had been released.
- Randomly Wired Neural Network
- VoiceFilter - My name was kindly acknowledged within the paper.
- GSHS TeX Society - Server Admin (Jekyll, PHP, CentOS) / Developer, Educator (LaTeX)
- Other miscellaneous projects are shown in my GitHub profile.

Extracurricular Activities

- Deepest 2019 – now
    - Vice President 2020.2 – 2020.8 (Season 7)
    - SNU Deep Learning Society: 1 weekly hosting + 1 group project for each season
    - TikZ inverse graphics / MelNet / Neural steganography
- Lorem Ipsum Seminar 2017
    - CS seminar of two physics students and one chemistry student
- Korean TeX Society 2017.3 – 2019.10
    - Executive Staff
- GSHS TeX Society 2015.12 – 2017.2
    - Founder, 1st president