

Samuel Ping-Sheng Wang

Tainan City TWN
pw2165@nyu.edu

EDUCATION

New York University (2020 - Present)

Tandon / Electrical and Computer Engineering Major

Taking Data Structures and Algorithms (CS-UY1134) and Linear Algebra (MA-UY2134) .

Will be taking Introduction to Circuit Design in Spring 2020 Semester.

EXPERIENCE

Research Fellow at KunShan Technology University

Worked under Associate Prof. Ming-Chain Hsiao (johnson@mail.ksu.edu.tw) on
“Eliminating Heavy Metal Ions in Waste Water Body”.

Research Fellow at National Taiwan Normal University

(Under the 2019 International Young Physicist’s Tournament Taiwan Training Scheme)

Worked under Prof. Yung-Yuan Hsu (yyhsu@ntnu.edu.tw) on “Corona discharge motor”;
and Prof. Fang-Yu Lo on “Flat self-assembly”.

2019 / 2018 Taiwan Young Physicist’s Tournaments

Won Gold Medal and Silver Medal respectively. School team captain for 2018 tournament.

My team competed against 40 teams around Taiwan, and debated the questions on the International Young Physicist’s Tournament question list. Selected into 2019 IYPT Training. Built numerical simulations for team on multiple questions.

2018 National Science Ability Competition in Physics

Regional Champion. Ranked 22/60 in Nationals.

Contestants were tested on theoretical physics and experiment design skills.

2019 Science Research Fairs (Engineering 1st Group)

Regionals Champion. Nationals Participant.

We presented our research against around 40 teams on engineering projects; we presented our design optimization research on electrostatic motors, specifically using corona discharges.

ITEX ‘14 Silver Medal / TIIST ’15 Silver Medal

Drew and presented CAD designs of my product, the “Portable scanner/lectern”. Fewer than 7% of the contestants were awarded the Silver medal.

Volunteer Translator at code.org

Translated introductory programming videos from English to Traditional Chinese to help Taiwanese students better learn coding.