

# Ping Wang

✉ pingw220@uw.edu  [linkedin.com/in/pingw220/](https://www.linkedin.com/in/pingw220/)

## EDUCATION

---

**University of Washington** Sep. 2023~Present  
*College of Engineering*  
*Unweighted GPA: 4.0 (Perfect score)*  
**National Experimental High School (NEHS) at Hsinchu Science Park** Aug. 2020~Jun. 2023  
*Weighted GPA: 4.5 (Highest rank in class)*  
Hsinchu City, Taiwan

## JOURNAL

---

**Spectroscopic Investigation on Liquid-exfoliated Hexagonal Boron Nitride Nano Particles**  
• <https://doi.org/10.47611/jsrhs.v12i1.4037> Sep. 2023

## EXPERIENCE

---

**UW Campus Philharmonia Orchestras** Sep. 2023~Present  
**Machine Learning Certificate, Coursera** Jun. 2023~Aug. 2023  
• [Supervised Machine Learning: Regression and Classification](#)  
• [Advanced Learning Algorithms](#)  
• [Unsupervised Learning, Recommenders, Reinforcement Learning](#)  
**Research on Artificial Intelligence and Music applications** Aug. 2022~Sep. 2023  
*Professor Yi-Wen Liu, National Tsing Hua University,*  
*College of Electrical Engineering and Computer Science*  
**Research on novel material hBN and its practical use in the semiconductor industry** Sep. 2021~Jun. 2022  
*Professor Yu-Jong Wu, National Synchrotron Radiation Research Center*  
**Founder and Host of the Podcast** Sep. 2021~Jun. 2022  
*Produced 15 episodes of interviews and campus topics with 2000+ streams.*  
**City Representative of Children and Youths** Sep. 2021~Jan. 2023  
*Worked with government and social workers on children's welfare issues.*  
**Award of Excellence, National Student Competition of Music, Cello Solo Category** 2022, 2020  
• [Video Reference](#)

## PROJECTS

---

**Handwritten Digit Recognition** Mar. 2024~Mar. 2024  
Built with Flask and Neural Network trained on the famous MNIST dataset. ([reference](#))  
**Tennis Court Recognition** Feb. 2024~Feb. 2024  
Application of Convolutional Neural Networks. ([reference](#))  
**Personal Website** Jan. 2024~Jan. 2024  
*Application of html, css, and javascript. ([reference](#))*

## TECHNICAL SKILLS

---

**Programming Languages:** C++, Java, Python, html, css, javascript, SQL ([UW CSE 414](#))

## LANGUAGES

---

English, Chinese