

Chun-Mu, Weng

Dept. of Computer Science, Nat'l Tsing Hua U.

<https://m110.nthu.edu.tw/~s110062219/resume.pdf>

Backgrounds

About

- Email
 - nevikw39@m110.nthu.edu.tw
- GitHub
 - <https://github.com/nevikw39>
- LinkedIn
 - <https://linkedin.com/in/nevikw39>

Academic Performance

GPA & Ranking

- GPA
 - 4.21, 3.93, 4.30, 4.10 respectively
 - 4.15 overall
- Ranking
 - 2nd, 9th, 1st in class & 6th, 28th, 1st in dept.
 - 5th in class & 10th in dept. cumulatively

Academic Performance

Experiences

- Served as TA for *Intro. to Programming II* in Spring 2022, 2023
 - Main task is to design online judge problems, which improved expertise & mastery in data structures & algorithms
- Joined in Teaching Division of CS Student Assoc.
 - Contributed to the preparation of CSST study group
 - Lectured two tutorials about Linux shell environments & LaTeX

Competitive Programming

Programming Contests

During High School

- 108 學年度學科能力競賽中投區複賽資訊科第四名
- 108 學年度學科能力競賽全國決賽資訊科第 29 名潛力 Star 獎
- 109 學年度學科能力競賽中投區複賽資訊科第九名佳作
- 2020 網際網路程式設計全國大賽優勝



Programming Contests

During College

- 2021 National Collegiate Programming Contest Final, team *Dkjistra*, **Honorable Mention**, ranked 28th
- 2021 International Collegiate Programming Contest Asia Taipei Regional, Team *Dkjistra*, **Silver Award**, ranked 30th
- 2022 National Collegiate Programming Contest Final, team *DebugCat Capoo*, **Honorable Mention**, ranked 23rd
- 2022 International Collegiate Programming Contest Asia Taoyuan Regional, team *DebugCat Capoo*, **Bronze Award**, ranked 39th



High Performance Computing Competitions

2022 HiPAC

3rd Place

- Profiled and optimized the efficiency of calculating future green energy mechanisms using Quantum Espresso software across 16 nodes of the supercomputer *Taiwania 3*



2022 APAC HPC-AI Competition

1st Place & Best Big Data Analytics Performance Award

- Co-organised by HPC-AI Advisory Council, NSCC Sg. & NCI Au. and involved 25 teams from 12 countries
- Resolved tasks on 3 critical issues that leverage HPC & AI to develop solutions to human health & environmental sustainability
- Improved throughput among 16 NVIDIA V100 on 4 nodes of the supercomputer *Gadi* by 2.7 times via Active Message scheme of UCX Rendezvous protocol & optimizations
- Increased accuracy of DL-based DNA decoding and reduced training time using NVIDIA A100

Multitasking:
screwing up more than one
thing at a time.



THIS IS

Initi
OSFP

2023 ISC Student Cluster Competition

2nd Place

- Co-organised by HPC-AI Advisory Council & ISC Group
- Held in ISC High Performance (*International Supercomputing Conference*), the oldest supercomputing conference in the world
- Competed against 7 prestigious and illustrious teams
- HPL & QE in 1st place
HPCG, POT3D & MILC in 2nd place





Skills

Programming Languages

- C/C++
- Python
- JavaScript
- Go
- Lua
- Ruby
- Rust
- Java

Tools & Libraries

- Vue.js
- React.js
- Git
- Unix-like OS & shell
- Docker
- MPI
- OpenMP

Thank you for listening!