

Dr. Po-Hsun Tseng



Amazing tag line that makes HR managers want to hire you immediately.
The tag line is aligned with the bottom of the picture to the right, so if you have multiple lines it fills the space to your name from the bottom. You might want to introduce manual line breaks to make this look nicer then simply filling up the lines.

CONTACT

✉ zengbs@gmail.com
☎ +886 966 587 832
📍 Hsinchu, Taiwan
🌐 <https://github.com/zengbs>
🆔 0000-0002-1868-0660

SKILLS

Programming

Python ●●●●●●
Bash ●●●●●●
C ●●●●●●
System programming ●●●●●●
ARM architecture ●●●●●●

Operating System

Linux - user ●●●●●●
Linux - kernel ●●●●●●

Software & Tools

Git ●●●●●●
Visualisation ●●●●●●
(matplotlib, gnuplot)
Data handling/analysis ●●●●●●
(hdf5, numpy, scipy)

Languages

Chinese (native) ●●●●●●
English - writing ●●●●●●
English - speaking ●●●●●●
English - listening ●●●●●●
English - reading ●●●●●●

WORK HISTORY

📅 12/2014 - 01/2016
📍 TDK corporation, Singapore
Circuit designer
Design surface acoustic wave(SAW) filters
📅 08/2013 - 08/2014
📍 Military Service

EDUCATION

📅 08/2016 - 06/2022
📍 National Taiwan University, Taiwan
Ph.D. in Computational Physics
📅 09/2011 - 07/2013
📍 National Taiwan University, Taiwan
M.Sc. in Physics
📅 09/2006 - 07/2011
📍 National Central University, Taiwan
B.Sc. in Mathematics

ACHIEVEMENT


🏆 My first achievement



GENERAL SKILLS

Numerical algorithm Large-scale project vim cscope makefile
valgrind GNU autotools gdb

PUBLICATIONS

An adaptive mesh, GPU-accelerated, and error minimized special relativistic hydrodynamics code

 **Po-Hsun Tseng**, Hsi-Yu Schive, Tzihong Chiueh

 2021  Monthly Notices of the Royal Astronomical Society Vol. 504, pp. 3298-3315

 [ADS](#), [arXiv](#)

TALKS

- An adaptive-mesh, GPU-accelerated, and optimally error-controlled special relativistic hydrodynamics code
Oral (remote), American Center for Physics College Park, U.S.A Mar. 2021
- A new and accurate code for simulating special relativistic hydrodynamics
Oral, Annual Meeting of the Physical Society of Taiwan, NPTU. Feb. 2020

REFERENCES

- Dr. Tzihong Chiueh
Distinguished Professor, Institute of Astrophysics, National Taiwan University
 Taipei 10617, Taiwan
 chiuehth@phys.ntu.edu.tw
 +886 2 3366 8628
- Dr. Hsi-Yu Schive
Assistant Professor, Institute of Astrophysics, National Taiwan University
 Taipei 10617, Taiwan
 hyschive@phys.ntu.edu.tw
 +886 2 3366 8644
- Dr. Hsiang-Yi Karen Yang
Assistant Professor, Institute of Astronomy, National Tsing Hua University
 Hsinchu 30013, Taiwan
 hyang@phys.nthu.edu.tw
 +886 3 574 2953