

# 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

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## 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

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

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

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

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

## TALKS

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- 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

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- Dr. Tzihong Chiueh  
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