# 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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**9** Hsinchu, Taiwan

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#### **SKILLS**

#### **Programming**

Python Bash

pasii r

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

## **C**\* WORK HISTORY

**12/2014 - 01/2016** 

TDK corporation, Singapore

Design surface acoustic wave(SAW) filters

**6** 08/2013 - 08/2014

**♥** Military Service

#### 016 n Singapore Circuit designer

## **EDUCATION**

**1** 08/2016 - 06/2022

**#** 09/2011 - 07/2013

**♀** National Taiwan University, Taiwan

**1** 09/2006 - 07/2013

National Central University, Taiwan

Ph.D. in Computational Physics

M.Sc. in Physics

**B.Sc.** in Mathematics

## **ACHIEVEMENT**

My first achievement

## **GENERAL SKILLS**

Numerical algorithm Large-scale project vim cscope makefile

valgrind | GNU autotools

## **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, American Center for Physics College Park, Maryland, United States 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. Tzihonh Chiueh Distinguished Professor, Institute of Astrophysics, National Taiwan University

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