

# Dr. Po-Hsun Tseng

**6+ years experience of large-scale software development with C programming on the Linux system throughout my Ph.D. journey. Seeking a challenging and rewarding opportunity with low-level system programming (eg. device driver, Linux kernel, CPU architecture) to apply my skills at a fabless company.**



## CONTACT

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## SKILLS

## Programming

## Operating System

## Architecture



## Software & Tools

## Languages

## EDUCATION

📅 08/2016 - 06/2022  
📍 National Taiwan University, Taiwan

## WORK HISTORY

📅 12/2014 - 01/2016  
📍 TDK corporation, Singapore  
Design surface acoustic wave(SAW) filters

08/2013 - 08/2014  
Military Service

## EDUCATION

- 📅 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

cscope


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makefile
```



## GNU autotools

## 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

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

 [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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- Please send an appointment letter to request a call. 😊
- Dr. Tzihong Chiueh  
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