

PANG Tsun Ho, Peter

Data analyst / Data scientist

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WORK / RESEARCH EXPERIENCE

Data Scientist I

ABN AMRO Bank N.V.

📅 Sep 2022 – Present

📍 Amsterdam, The Netherlands

Ph.D. in Physics

Utrecht University

📅 Sep 2018 – Aug 2022

📍 Utrecht, The Netherlands

- Published 14 papers in high-impact journals such as Nature and Science
- Led 5 projects, involving 100 people, at the same time
- Built the data analysis foundation for the newly established multi-messenger astronomy
- Built the state-of-the-art multi-messenger data analysis software (see github.com/nuclear-multimessenger-astronomy/nmma)
- Mentored 1 Ph.D., 2 M.Sc., and 1 Bachelor student

EDUCATION

M.Phil. in Physics (Research master)

The Chinese University of Hong Kong

📅 Sep 2016 – Aug 2018

📍 Hong Kong

B.Sc. in Physics

The Chinese University of Hong Kong

📅 Sep 2012 – Aug 2016

📍 Hong Kong

- First class honours

PUBLICATIONS

20 peer-reviewed articles, 900 citations, h-index 11

Selected articles

- **Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog**
 - Person-in-charge of two result sections
 - Established state-of-the-art understanding on gravity at the time
 - 380 citations
- **Multimessenger constraints on the neutron-star equation of state and the Hubble constant**
 - Lead analyst
 - Established state-of-the-art multi-messenger result at the time
 - 190 citations
- **Constraining Neutron-Star Matter with Microscopic and Macroscopic Collisions**
 - First author
 - Developed novel methods to combine nuclear experimental results with astrophysical observations
 - 455 citations

STRENGTHS

Hard-working

Self-driven

Work well under pressure

Team player

Team leader

Data analysis application & development

SKILLS

Data analysis

6 yrs



Statistical modelling

6 yrs



Python

6 yrs



Git

6 yrs



Machine learning

1 yr



LANGUAGES

English

Fluent



Cantonese Chinese

Native



Mandarin Chinese

Fluent



Dutch

Beginner



REFEREES

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