

**STERN, Kris Akira (崔棋晃)**  
**Curriculum Vitae**

**Mobile :** (852) 6051-3709  
**E-mail :** krisastern@hku.hk

**Current Position:** *PhD Candidate in Astrophysics-cum-Graduate Research Assistant at HKU*  
**Expected Graduation Date:** *March 31<sup>st</sup>, 2020*

**Previous Employments**

1. Private tutoring (self-employed), 05/2001 – 08/2003 and 08/2005 – 07/2007 (4 years & 3 months)
2. Graduate Research Assistant, University of Western Ontario (London, Ontario, Canada), 06/2012 – 09/2012 (4 months)
3. Graduate Teaching Assistant, HKUST (Clear Water Bay, Kowloon, Hong Kong), 09/2013 – 08/2015 (2 years)
4. Part-time Research Assistant, HKUST (Clear Water Bay, Kowloon, Hong Kong), 09/2015 – 01/2016 (5 months)
5. Part-time Research Assistant, City University of Hong Kong (Kowloon Tong, Kowloon, Hong Kong), 02/2016 – 06/2016 (5 months)
6. Part-time Research Assistant, Open University of Hong Kong (Homantin, Kowloon, Hong Kong), 01/2016 – 09/2016 (9 months)

**Language Skills**

English (fluent/professional), Cantonese (fluent/native), Mandarin (advanced), French (basic).

**Computing Skills**

1. Document preparation with Microsoft Office (Word, Excel, PowerPoint).
2. Scientific programming/coding in FORTRAN, Wolfram Mathematica, MathWorks MATLAB, Java, and C/C++, Python, HTML/CSS, PHP, WordPress, MySQL, PostgreSQL, etc.
3. Word processing with Latex.

**Other Core Skills**

Quantitative & qualitative research, scientific programming, auxiliary teaching at the university level, text editing, academic writing, conference logistics, fundraising, private tutoring.

**Personal Interests**

Field hockey, gym (spin class), radio (CBC, NPR, BBC), current affairs (BBC World News, the New Yorker, the Atlantic, the New York Times, SCMP), National Geographic (TV, magazine), classical music (both instrumental and choral music, especially the violin and the piano), philosophy (especially the area concerning science), and science (especially physics).

**Education**

True Light Girls' College (Hong Kong, China), 09/1991 – 07/1996  
Oak Bay Secondary School (BC, Canada), 09/1996 – 07/1997  
Berkshire School (MA, U.S.A.), 09/1997 – 07/1998  
Frances Kelsey Secondary School (BC, Canada), 09/1998 – 07/1999  
McGill University, B.Sc. (QC, Canada), Major: Physics, 09/1999 – 04/2001 (Incomplete studies)  
The Hong Kong University of Science & Technology / HKUST (Hong Kong, China),  
B.Sc. Major: Physics, 09/2003 – 07/2005  
The University of Hong Kong / HKU (Hong Kong, China),  
B.Nurs. Major: Nursing, 09/2007 – 05/2008  
The Chinese University of Hong Kong / CUHK (Hong Kong, China),  
B.Sc., Major: Physics, 08/2008 – 07/2012  
The Hong Kong University of Science & Technology / HKUST (Hong Kong, China),  
M.Phil. in Physics, 09/2013 – 01/2016  
The University of Hong Kong / HKU (Hong Kong, China), Ph.D. in Physics, 10/2016 – Current

## **Relevant Academic Results**

*British Columbia (Canada) Provincial Examinations:*

CHEMISTRY 12, June 1999, Grade: A

ENGLISH 12, January 1999, Grade: B

HISTORY 12, January 1999, Grade: A

PRINCIPLES OF MATHEMATICS 12, January 1999, Grade: A

PHYSICS 12, January 1999, Grade: A

*McGill University, B.Sc., CUM GPA: 3.63 out of 4.00 (Withdrew April 2001)*

*CUHK, B.Sc., CUM GPA: 3.573 out of 4.000 (Graduated July 31<sup>st</sup>, 2012)*

*HKUST, M.Phil., CGA: 3.667 out of 4.000 (Graduated January 31<sup>st</sup>, 2016)*

## **Degrees Obtained**

*HKUST, M.Phil. in Physics (2016)*

*CUHK, B.Sc. in Physics with Honors, Second Class Upper Division (2012)*

## **Academic Scholarships and Awards**

*HKU (2016 – 2019):*

1. Post-graduate Scholarship (PGS)

*HKUST (2013 – 2016):*

1. Best Teaching Assistant: Honorable Mention 2013 – 14
2. HKSAR Government Scholarship Fund – Endeavour Merit Award (EMA) 2014 – 15
3. HKSAR Government Scholarship Fund – Endeavour Merit Award (EMA) 2015 – 16

*CUHK (2008 – 2012):*

1. CUHK Dean's List 2008 – 09
2. CUHK Shaw College Faculty Scholarship 2009 – 10
3. CUHK Physics Prize 2009 – 10
4. CUHK Dean's List 2009 – 10
5. CUHK Shaw College Department/Programme Scholarship 2010 – 11
6. CUHK Shaw College Head's List 2010 – 11
7. CUHK Shaw College Department/Programme Scholarship 2011 – 12
8. CUHK Shaw College Head's List 2011 – 12
9. CUHK C. N. Yang Scholarship (Honorary) 2011 – 12

*British Columbia, Canada (1998 – 1999):*

1. British Columbia Provincial Scholarship, 1998 – 99