

Hongxiang Chen

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Shenzhen, Guangdong,
China

Email: we.taper@gmail.com
Homepage: <http://github.com/we-taper/me/>

Education

Southern University of Science and Technology of China (SUSTech) Shenzhen, Guangdong

Bachelor of Science in Physics, July 2017

Advisor: Prof. Wu. Jiansheng

Graduation Paper:

Classification of Topological Insulators (in progress)

Research Interests:

Condensed Matter Theory, Mathematical Physics, Statistical Mechanics, Biophysics

GPA: 3.76/4.00. Major GPA: 3.77/4.00. Major rank: 7/43

Guangzhou Tieyi Middle School

Guangzhou, Guangdong

High School, June 2013

Skills and Knowledges

Skills in addition to the regular physics curriculum

	<i>Physical Science</i>	<i>Mathematics</i>	<i>Computer Technology</i>
Conversant	Topological Insulators and Superconductors	Abstract Algebra, Advanced Linear Algebra	Programming Language (Java, Matlab), Vim
Experienced	Solid State Theory	(Real) Differential Geometry, Complex Geometry, Sheaf Cohomology	Programming Language (Python, Ruby), Linux System Administration
Acquainted	Quantum Many-body Theory	Discrete Mathematics	Program Algorithm Design,

Soft skills

- Confident presentation skills.

Activities

poster presentations

My Panopticon

English Class: SUSTech

December 2014

A Review On Carbon Nanotube

General Chemistry Class: SUSTech

January 2014

Advances in Origami

English Class: SUSTech

November 2013

other activities

Caring for primary school children

SUSTC Volunteer Association

2014

Asia-Pacific Robotics Championship China Qualifier - High School

Taipei Yong-Le Elementary School

October 2011

Social Connections

Note: I am often nicknamed *we.taper* or just *taper* on the Internet.

Github

<http://www.github.com/we-taper/>

Physics StackExchange

<http://physics.stackexchange.com/users/45384>

Personal Notes

<https://github.com/we-taper/Draft/>

My high school VEX team information on VexDB

<https://goo.gl/tR16Mr>

Hobbies

- An all-encompassing attitude towards a diverse genres of music, from classics to punk. Each suits different emotions.

Favorites: Symphony No. 5 (Beethoven), Goldberg Variations (J.S. Bach), Guangling San (Unknown), Civil War (Gun N' Roses), Hotel California (Eagles).

- Handicrafts. Favorites: Lego, Zhezhi (also called Origami by the Japanese).

Honors and Awards

Excellent Student Scholarship (¥1500)
SUSTech

October 2016

College Start-up scholarship (¥6000)
SUSTech

October 2016

College Start-up scholarship (¥6000)
SUSTech

October 2015

Second Place in Debating Competition
Student Debating Union, SUSTech

January 2015

College Start-up scholarship (¥6000)
SUSTech

October 2014