

# Hongxiang Chen

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

## Education

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**South University of Science and Technology of China (SUSTC)** Shenzhen, Guangdong

Bachelor of Science. in Physics, May 2017

Advisor: Prof. Wu. Jiansheng

Graduation Paper:

*Classification of Topological Insulators* (in progress)

Research Interests:

*Condensed Matter Theory, Statistical Mechanics, Biophysics, System Science*

GPA: **To Be Added**/4.00. Major GPA: **TBA**/4.00.

## Skills and Knowledges

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**TODO: Suit the order here with specific skills intended for different labs**

	<i>Physical Science</i>	<i>Mathematics</i>	<i>Computer Technology</i>
<b>Proficient</b>	Topological Insulators and Superconductors	Abstract Algebra, Advanced Linear Algebra	Programming Language (Java, Matlab), Vim
<b>Familiar</b>	Classical Field Theory, Theory of Solids	Differential Geometry, Complex Geometry, Cohomology Theory	Programming Language (Python, Ruby, Bash)
<b>Acquainted</b>	Quantum Many-body Theory	Algebraic Geometry, Discrete Mathematics	Program Algorithm Design, RESTful Programming, Linux System Administration

## Soft Skills

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- Good and confident presentation skills.

## Talks and Presentations

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## poster presentations

### *My Panopticon*

English Class: South University of Science and Technology of China

December 2014

### *A Review On Carbon Nanotube*

General Chemistry Class: South University of Science and Technology of China

January 2014

### *Advances in Origami*

English Class: South University of Science and Technology of China

November 2013

## Hobbies

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- 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

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### *Excellent Student Scholarship* (¥1500)

South University of Science and Technology of China

October 2016

### *ChuChuang Scholarship* (¥6000)

South University of Science and Technology of China

October 2016

### *ChuChuang Scholarship* (¥6000)

South University of Science and Technology of China

October 2015

### *Second Place in Debating Competition*

Student Debating Union, South University of Science and Technology of China

January 2015

### *ChuChuang Scholarship* (¥6000)

South University of Science and Technology of China

October 2014