

# Hongxiang Chen

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China

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## 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, Mathematical Physics, Statistical Mechanics, Biophysics*

GPA: 3.76/4.00.

## Skills and Knowledges

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

## Soft Skills

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- Confident presentation skills.

## Talks and Presentations

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### poster presentations

*My Panopticon*

December 2014

English Class: South University of Science and Technology of China

*A Review On Carbon Nanotube*

January 2014

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

*Advances in Origami*

November 2013

English Class: South University of Science and Technology of China

## 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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<i>Excellent Student Scholarship</i> (¥1500) South University of Science and Technology of China	October 2016
<i>College Start-up scholarship</i> (¥6000) South University of Science and Technology of China	October 2016
<i>College Start-up scholarship</i> (¥6000) South University of Science and Technology of China	October 2015
<i>Second Place in Debating Competition</i> Student Debating Union, South University of Science and Technology of China	January 2015
<i>College Start-up scholarship</i> (¥6000) South University of Science and Technology of China	October 2014