Jiaxuan Li

PERSONAL DATA

PLACE AND DATE OF BIRTH: Gansu, China | 28 September 1998

ADDRESS: Building 28, Peking University, 5 Yiheyuan Road, Haidian District, Beijing

PHONE: +86-18813020982

EMAIL: jiaxuan_li@pku.edu.cn

HOMEPAGE: https://astrojacobli.github.io/Homepage/

EDUCATION

SEPTEMBER 2016- Undergraduate Student in Astrophysics, Peking University, China

Major: Astrophysics Advisor: Dr. Yingjie PENG

GPA: 3.83/4 Detailed Transcript

August 2013-June 2016 Senior High School, **Dingxi NO.1 Middle School**, Dingxi, Gansu

AUGUST 2010-JUNE 2013 Junior High School, Gongyuan Road Middle School, Dingxi, Gansu

SEPTEMBER 2004-JUNE 2010 Primary School, Dacheng Primary School, Dingxi, Gansu

PRIZES AND SCHOLARSHIPS

NOVEMBER 2017	WEIMING PHYSICS OUSTANDING STUDENT (木名物埋字于),
	Peking University, China.

OCTOBER 2017 LEO KOGUAN SCHOLARSHIP (10,000 RMB), Peking University, China.

OCTOBER 2017 MERIT STUDENT, Peking University, China.

OCTOBER 2017 INNOVATION PRIZE, Peking University, China.

August 2017 First Prize, 8^{th} China Undergraduate Physicists' Tournament, Harbin, China.

August 2015 Silver Medal, 9^{th} International Olympiad on Astronomy and Astrophysics,

Maglang, Indonesia.

April 2015 Gold Medal & Best Result, 11^{th} China National Astronomy Olympiad,

Weihai. China.

August 2014 Bronze Medal, 8^{th} International Olympiad on Astronomy and Astrophysics,

Suceava, Romania.

April 2014 Gold Medal & Best Result, 10^{th} China National Astronomy Olympiad,

Beijing, China.

November 2013 Gold Medal, 9^{th} Asia-Pacific Astronomy Olympiad, Tomohon, Indonesia.

APRIL 2013 Gold Medal, 9^{th} CHINA NATIONAL ASTRONOMY OLYMPIAD, Kunming, China.

WORK EXPERIENCE

Current

President of Youth Astronomy Society (YAS), Peking University

MAY 2017

Youth Astronomy Society is aiming at broadcasting astronomy knowledge to public, especially to students in Peking University. Youth Astronomy Society holds *Routine Observations, Scientific Outreach Lectures, Tuantu Series Lectures, Countryside Observations*, etc. There are also several groups, like Astrophotography Group, Meteor Group, etc.

LANGUAGES

ENGLISH: Fluent

CHINESE MANDARIN: Mothertongue

CHINESE DINGXI ACCENT: Fluent

COMPUTER SKILLS

Basic Knowledge: C++, Python 3, LaTeX, Mathematica, Matlab

Intermediate Knowledge: Excel, Word, PowerPoint, Photoshop

ACTIVITIES

AUGUST 2017 ASIAN SCIENCE CAMP, Kampar, Indonesia.

MAY 2017 KIAA 10^{th} Anniversary Symposium, Peking University, Beijing, China

OCTOBER 2016 QIUSHI PRIZE AWARDING CEREMONY, Peking University, Beijing, China

APRIL 2013 PACIFIC ASTRONOMY AND ENGINEERING SUMMIT, Hawaii, U.S.

ATTENDED LECTURES

DEC. 19 2017	LIGO and Gravitational W	/aves: A New Way	to Explore the Universe
--------------	--------------------------	------------------	-------------------------

by Rainer Weiss (MIT) and Kip. S. Throne (Caltech).

DEC. 3 2017 Quantum Breakthrough: From Myth, Philosophy to Information Technology

by JIANWEI PAN, USTC.

Oct. 26 2017 The formation of the smallest galaxies

by Holger Baumgardt, Queensland University, Australia.

SEPT. 5 2017 Roles of Environment and Core Stellar Density in Star-formation Quenching

by Petchara Pattarakijwanich, KIAA.

Undergraduate Student's Transcript

Major: Astronomy

Grades

Introduction to Computation Language, Culture and Communication Fundamental Astronomy Linear Algebra (B) Lectures on The Frontiers of Modern Physics (I) Mechanics Advanced Mathematics (B)(I) Military Theory Outline of Chinese Modern History Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism Methods of Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics General Physics Experiment Methods of Mathematical Physics (II) Agent Agen	Ехам	GPA	CREDIT
Fundamental Astronomy Linear Algebra (B) Lectures on The Frontiers of Modern Physics (I) Mechanics Advanced Mathematics (B)(I) Military Theory Outline of Chinese Modern History Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism Advanced Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics General Physics Experiment Methods of Mathematical Physics (II) And Sylvance Atomic Physics Atomic Physics General Physics Experiment Methods of Mathematical Physics (III) And Sylvance Atomic Physics Atomic Physics General Physics Experiment Methods of Mathematical Physics (III) Optics Total Total Total Total Total	Introduction to Computation		3
Linear Algebra (B) Lectures on The Frontiers of Modern Physics (I) Mechanics Advanced Mathematics (B)(I) Military Theory Outline of Chinese Modern History Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism Advanced Mathematics (B)(II) Advanced Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics General Physics Experiment Methods of Mathematical Physics (II) Assay 2 Total Total Total Total Total	Language, Culture and Communication		2
Lectures on The Frontiers of Modern Physics (I) Mechanics Advanced Mathematics (B)(I) Military Theory 3.63 Outline of Chinese Modern History Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism Methods of Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics Atomic Physics General Physics Experiment Methods of Mathematical Physics (II) 3.83 Atomic Physics General Physics Experiment Methods of Mathematical Physics (III) Optics Total 73	Fundamental Astronomy	3.85	3
Mechanics3.734Advanced Mathematics (B)(I)4.005Military Theory3.632Outline of Chinese Modern History3.882Rings, Fields and Galois Theory3.972Chaos and Fractal in Natural Science3.892Electromagnetism3.734Methods of Mathematical Physics (I)3.933Advanced Mathematics (B)(II)3.635Thermal Physics3.943Data Structure and Algorithm3.523The Logic of Life3.932Theoretical Mechanics (A)3.884Swimming3.521Equilibrium Statistical Physics3.884Atomic Physics3.973General Physics Experiment3.853Methods of Mathematical Physics (II)3.933Optics3.634	Linear Algebra (B)	3.97	4
Advanced Mathematics (B)(I) Military Theory 3.63 2 Outline of Chinese Modern History Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism Methods of Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics Atomic Physics General Physics Experiment Methods of Mathematical Physics (II) 3.93 General Physics Experiment Methods of Mathematical Physics (III) Optics Total 73	Lectures on The Frontiers of Modern Physics (I)	Pass	2
Military Theory3.632Outline of Chinese Modern History3.882Rings, Fields and Galois Theory3.972Chaos and Fractal in Natural Science3.892Electromagnetism3.734Methods of Mathematical Physics (I)3.933Advanced Mathematics (B)(II)3.635Thermal Physics3.943Data Structure and Algorithm3.523The Logic of Life3.932Theoretical Mechanics (A)3.884Swimming3.521Equilibrium Statistical Physics3.884Atomic Physics3.973General Physics Experiment3.853Methods of Mathematical Physics (II)3.933Optics3.634	Mechanics	3.73	4
Outline of Chinese Modern History Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism Methods of Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics Atomic Physics General Physics Experiment Methods of Mathematical Physics (II) Optics Total 73	Advanced Mathematics (B)(I)	4.00	5
Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism 3.73 4 Methods of Mathematical Physics (I) 3.93 3 Advanced Mathematics (B)(II) 3.63 5 Thermal Physics 3.94 3 Data Structure and Algorithm 3.52 3 The Logic of Life 3.93 2 Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 4 Atomic Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics Total 73	Military Theory	3.63	2
Rings, Fields and Galois Theory Chaos and Fractal in Natural Science Electromagnetism 3.73 4 Methods of Mathematical Physics (I) 3.93 3 Advanced Mathematics (B)(II) 3.63 5 Thermal Physics 3.94 3 Data Structure and Algorithm 3.52 3 The Logic of Life 3.93 2 Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 4 Atomic Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics Total 73	Outline of Chinese Modern History	3.88	2
Chaos and Fractal in Natural Science Electromagnetism 3.73 4 Methods of Mathematical Physics (I) 3.93 3 Advanced Mathematics (B)(II) 3.63 5 Thermal Physics 3.94 3 Data Structure and Algorithm 3.52 3 The Logic of Life 3.93 2 Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 4. Atomic Physics Experiment 5. Methods of Mathematical Physics (II) 3.93 3 Optics Total 73		_	
Electromagnetism Methods of Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm 3.52 The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics Atomic Physics General Physics Experiment Methods of Mathematical Physics (II) Optics 3.73 4 3.93 3 3 5 Thermal Physics 3.94 3 3.92 3 2 Theoretical Mechanics (A) 3.88 4 4 4 Atomic Physics 3.87 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) Optics Total 73	•		
Methods of Mathematical Physics (I) Advanced Mathematics (B)(II) Thermal Physics Data Structure and Algorithm The Logic of Life Theoretical Mechanics (A) Swimming Equilibrium Statistical Physics Atomic Physics General Physics Experiment Methods of Mathematical Physics (II) Optics 3.93 3.93 3.93 2 Theoretical Mechanics (A) 3.88 4 4 4 Total Total Total Total	Electromagnetism		4
Advanced Mathematics (B)(II) 3.63 5 Thermal Physics 3.94 3 Data Structure and Algorithm 3.52 3 The Logic of Life 3.93 2 Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4	_		-
Thermal Physics 3.94 3 Data Structure and Algorithm 3.52 3 The Logic of Life 3.93 2 Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4 Total 73	• • • • • • • • • • • • • • • • • • • •		
Data Structure and Algorithm 3.52 3 The Logic of Life 3.93 2 Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4			3
Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4	•	3.52	3
Theoretical Mechanics (A) 3.88 4 Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4	The Logic of Life	3.93	2
Swimming 3.52 1 Equilibrium Statistical Physics 3.88 4 Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4 Total 73	-		4
Equilibrium Statistical Physics 3.88 4 Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4	` '		1
Atomic Physics 3.97 3 General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4 Total 73			4
General Physics Experiment 3.85 3 Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4 Total 73			3
Methods of Mathematical Physics (II) 3.93 3 Optics 3.63 4 Total 73	-		3
Optics 3.63 4 Total 73	•		3
	• • • •		4
		Total	73
		-	