

# Junyang Jiang

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## EDUCATION

### PEARSON COLLEGE UWC

IB 2-YEAR CURRICULUM  
Aug 2018 - Present | Victoria, BC  
Grade 11 PG : 40+/42  
4HL • TOK : B

### UWC CHANGSHU CHINA

PRE-IB PROGRAM  
Aug 2017 - Jun 2018 | Jiangsu, China  
Grade 10 AG : 54/63

### SHANGHAI HUAYU JUNIOR

LOCAL PROGRAM IN GRADE 6-9  
Sep 2013 - Jun 2017 | Shanghai, China  
Grade 9 Overall Score : 93%

### STANDARDIZED TESTS

SAT May 2019  
1520 (340+390+790) • 6+6+6  
SAT SUBJECT TESTS Nov 2018  
Math 2 • Chemistry : 800

### TOEFL

Best Score  
113 (29+28+28+28)

## SKILLS AND INTERESTS

### SKILLS

#### LANGUAGES

Mandarin (Native) • English

#### PROGRAMMING AND TYPESETTING

Python •  $\LaTeX$  • Markdown

#### DATA PROCESSING

Origin • GraphPad Prism

#### SCIENCE

ChemDraw • MestReNova

#### OTHERS

Sibelius • iMovie • Adobe Illustrator

### INTERESTS

Badminton • Piano • Music  
Transcription • Japanese Anime •  
Environmental Science • Marine  
Science • Community Service

## REFERENCES

### GARTH IRWIN

Pearson Chemistry Teacher  
girwin@pearsoncollege.ca  
+1 250-391-2432

### TAO SUN

Fudan University Professor  
sunt@fudan.edu.cn  
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## EXPERIENCE

### COASTAL BIODIVERSITY | PARTICIPANT

Sep 2018 – Present | Pearson College UWC

- Explore ecological reserve at Race Rocks island for a week.
- Create **plankton guide** based on ocean water data collection and microscopic photos.
- Draft & present on island ecosystem to Canadian Minister of Environment.

### ORCHESTRA | LEADER, PIANIST

Sep 2018 – Present | Pearson College UWC

- Select orchestra repertoire, transcribe online music for performance needs, manage rehearsals.
- Perform as orchestra pianist in local winter concert & Pearson's annual charity performance to create revenue of around \$40,000 for school's volunteer projects.

### ENGLISH ONLINE TUTORING | LEADER

Sep 2017 – Present | Pearson College UWC & UWC Changshu China

- Lead group of 10+ volunteers.
- Write article about online tutoring experience, published on **UWC Changshu China Website**.
- Teach English grammar, vocabulary, and communication skills, basic music theory, and songs to elementary school students in Hunan and Fujian Provinces, China.

### OTHERS | CREATIVITY, ACTIVITY, AND SERVICE

Choir Member • Badminton Team Captain • Math & Chemistry Tutor • Kitchen Duty

## RESEARCH

### INTELLIGENT DRUG DELIVERY LAB

Summer 2019 | Shanghai, China  
Independently complete research projected on efficient drug delivery utilizing MMP-7 responsive nano-carriers; write compact 7 page **report** on research findings.

### WATER QUALITY RESEARCH PROJECT

Summer 2018 | Jiangsu, China  
Research water quality to raise local awareness on environmental protection; write conclusive **report**, published on the websites of **Alliance for Water Stewardship** and **China Water Risk**.

## AWARDS

### SCIENCE

2019	World 1st/4096	University of Waterloo's Avogadro Exam
2019	World 66th/2137	University of Waterloo's Chem 13 News Exam
2019	6th (BC Ranking)	Canadian Chemistry Olympiad
2019	1st	British Colombia Chemistry Olympiad
2018	HD Excellence	Australia National Chemistry Quiz
2016	First Prize	Shanghai White Cat Applied Chemistry Contest

### MATHS

2019	World Top 5%	American Mathematics Competitions 12
2018	Honorable Mention	High School Mathematical Contest in Modeling
2018	World 54th	American Regions Mathematics League
2018	World Top 2.5%	American Mathematics Competitions 10

### OTHERS

2018	National Finalist	China Thinks Big Project Challenge
2016	First Prize	Shanghai High School Badminton Competition