

# 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 Aug 24, 2019  
113 (30+29+26+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

### MARK BANNAR-MARTIN

PEARSON MATH TEACHER, EE  
SUPERVISOR, GROUP ADVISOR  
mmartin@pearsoncollege.ca  
+1 250-391-2410

### GARTH IRWIN

PEARSON CHEMISTRY TEACHER  
girwin@pearsoncollege.ca  
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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 and 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 and worked with NGOs including PVO and Sanguo.

### OTHERS | CREATIVITY, ACTIVITY, AND SERVICE

Choir Member • Badminton Team Captain • Math & Chemistry Tutor •  
Universities Counsellor's Assistant • 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 | <b>World 1st/4096</b> | 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 Columbia 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 |