

# Junyang Jiang

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## EDUCATION

### PEARSON COLLEGE UWC

IB 2-YEAR CURRICULUM  
Aug 2018 - Present | Victoria, BC  
PG : 40+/42, 4HL  
EE: A • 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  
Math 2 • Chemistry • Biology M : 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 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