

# Junyang Jiang

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## EDUCATION

### PEARSON COLLEGE UWC

#### IB 2-YEAR CURRICULUM

Aug 2018 - Present | Victoria, CAN

PG : 44+/45, 4HL

EE: A • TOK : B

### UWC CHANGSHU CHINA

#### PRE-IB PROGRAM

Aug 2017 - Jun 2018 | Jiangsu, CHN

Grade 10 AG : 54/63

### SHANGHAI HUAYU JUNIOR

#### LOCAL PROGRAM IN GRADE 6-9

Sep 2013 - Jun 2017 | Shanghai, CHN

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 •

Cooking • Online Tutoring •

Plankton Sampling • Environmental

Research

## REFERENCES

### MARK BANNAR-MARTIN

PEARSON MATH TEACHER, EE

SUPERVISOR, GROUP ADVISOR

mmartin@pearsoncollege.ca

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### GARTH IRWIN

PEARSON CHEMISTRY TEACHER

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## EXPERIENCE

### COASTAL BIODIVERSITY | LEADER

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 **World 1st/4096**

2019 World 66th/2137

2019 6th (BC Ranking)

2019 1st

2018 HD Excellence

2016 First Prize

University of Waterloo's Avogadro Exam

University of Waterloo's Chem 13 News Exam

Canadian Chemistry Olympiad

British Colombia Chemistry Olympiad

Australia National Chemistry Quiz

Shanghai White Cat Applied Chemistry Contest

### MATHS

2019 World Top 5%

2018 Honorable Mention

2018 World 54th

2018 World Top 2.5%

American Mathematics Competitions 12

High School Mathematical Contest in Modeling

American Regions Mathematics League

American Mathematics Competitions 10

### OTHERS

2018 National Finalist

2016 First Prize

China Thinks Big Project Challenge

Shanghai High School Badminton Competition