

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

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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.
- 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 •
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	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