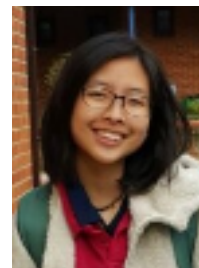


# Serene Chongtrakul

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## EDUCATION

### Imperial College London

2017 - 2021 (expected)

- MEng Mathematics and Computer Science
- Recipient of the 2017 World Scientific Scholarship

### St Mary's School, Ascot

2010 - 2017

- A\*A\*AA at A Level in Maths, Further Maths, Physics, History; Grade 2 in STEP 1
- 11 A\*s at GCSE including Maths, English Lang; A in FSMQ (Additional Maths)
- Winner of the sixth form mathematics prize and year 11 mathematics prize.

## EXPERIENCE

### PlanckTime

*Maths and Computer Science author*

London | Dec 2017 - present

- I write monthly articles summing up significant advances in maths or computer science.

### Thai Airways International

*Work Experience*

Bangkok | Aug 2016

- I was placed in the Royal Orchid Plus department where I created a table which compared the loyalty programs for airlines in the Star Alliance.
- I took minutes for meetings and conference calls and sent summary emails to the relevant attendees. This taught me how to be concise and prioritise information.

### Siam Commercial Bank

*Work Experience*

Bangkok | Aug 2015

- I was placed in the Economics Intelligence Centre where I worked with a team to create trade maps for sales between Thailand and its major importers and exporters.
- I turned an article about tokenisation into an infographic in Thai and English. This taught me how to effectively summarise and simplify data to better a layman's understanding.

## TECHNICAL SKILLS

- Prior to university, I had no programming experience. So far I have been exposed to the following **languages** and **software**: Haskell, Java, C, PHP, HTML, CSS, JetBrains IDEs.
- **Relevant modules**: Logic, Foundations of Analysis, Mathematical Methods, Introduction to Haskell, Object-oriented Java.

## VOLUNTEERING

### Imperial College Union

*Pimlico Connections Volunteer tutor*

London | Nov 2017 - present

- I teach maths to excelling year 5 and year 6 students at Christ Church primary school.
- This has taught me how to explain a technical or difficult concept so that those who are less experienced or not as familiar with the subject can understand it more easily.
- Working with another tutor to create lesson plans has also improved my communication, organisational and teamwork skills.

## ACCOMPLISHMENTS AND INTERESTS

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| <ul style="list-style-type: none"><li>• ABRSM: Grade 8 piano (2017), Grade 8 Singing (2016)</li><li>• Duke of Edinburgh: Bronze (2015), Silver (2016) and Gold (2017) award</li><li>• UKMT: Mathematical Olympiad for Girls Distinction (2015, 2016)</li><li>• UKMT: Senior Maths Challenge Gold, qualified for Senior Kangaroo (2016)</li><li>• UKMT: Intermediate Maths Challenge Gold, qualified for Intermediate</li></ul> | <ul style="list-style-type: none"><li>• Mathematical Olympiad and received Merit (2014 - best in year and best in school, 2015)</li><li>• <b>Languages</b>: English, Thai (bilingual)</li><li>• I am part of the following societies: computing, tennis, pole and aerial, robotics. I also enjoy playing the piano and singing and was part of various choirs and madrigals at school.</li></ul> |
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