

# AJ Fong

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🌐 [www.math.uwaterloo.ca/~a24fong](http://www.math.uwaterloo.ca/~a24fong) • 🔗 [af1728](https://github.com/af1728)

## Personal

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### Biography

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Born in Hong Kong — Hong Kong citizen

### Interests

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Algebraic geometry, number theory

## Education

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### University of Waterloo

*PhD in Pure Mathematics*

*2023–present*

Supervisor: Prof David McKinnon

### University of Warwick

*Master of Mathematics (integrated)*

*2018–2022*

Supervisor: Dr Damiano Testa

## Positions

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### University of Waterloo

*PhD Student*

*2023–present*

## Awards

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### University of Waterloo

*Pure Mathematics Excellence Entrance Award*

*2023–2024*

## Publications

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[1] AJ Fong. Points at rational distances from the vertices of a rectangle. Fourth-year project, University of Warwick, Coventry, Apr 2022.

## Teaching

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### Waterloo

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**2023, Fall:** MATH 135 Algebra for Honours Mathematics, Teaching Assistant

**2023, Fall:** ECE 206 Advanced Calculus 2 for Electrical Engineers, Teaching Assistant

### Service

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○ Supervisor for a group of first-year students on five modules, Warwick 2021–2022

## Talks

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**2023, 27 October:** *Curves on Surfaces*, graduate student seminar on intersection theory at the University of Waterloo, Canada.