

# Xiuchuan Zhang

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## Education

### **MASTER | JULY 2019 | University of Cambridge (UK)**

- Major: Applied Mathematics
- Subject Area: Applied & Computational Analysis

### **BACHELOR | JULY 2017 | Portland State University (US)**

- Major: Mathematics (Bachelor of Science w/ Honor)
- GPA: 3.82 / 4.00 (Magna Cum Laude)

## Skill & Coursework

### **Mathematics**

- Master
  - Inverse Problem in Image, Image Reconstruction, Bayesian Inverse Problem
  - Numerical Solution, Boundary Problem, Convex Optimization, Optimal Transport
- Bachelor
  - Calculus, Real & Vector Analysis, Group theory, Number Theory, Discrete Mathematics, Linear and Multilinear Algebra, PDE, Continuum Mechanics and Mathematical Modeling

### **Statistics**

- Applied Probability, Applied Statistics for Engineers and Scientist

### **Programming**

- Python, R, MATLAB, Octave, C++

## Awards & Interests

### **Awards**

- Departmental Honor: Mathematics Honors
- President's List & Dean's List
- (2013 –2017) International Achievement Scholarship
- (2015 –2017) Daniel & Laura Brose Scholarship and Barbara McDougall Scholarship

### **Society**

- The Trinity Mathematical Society
- Phi Kappa Phi: US Honor Society
- Pi Mu Epsilon: US Honorary National Mathematics Society