

Jiazhen Tan

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Education

Cornell University

Ithaca, NY

Mathematics Major GPA: 3.7

Expected Graduation: May 2020

- Co-winner of the 2017 First-Year Student Prize.

Programming Knowledge

- **JAVA** - Taken CS 2110 at Cornell. *Fall 2016/Grade:A*
- **Python** - Finished a 5-week online class;
Getting Started with Python by University of Michigan *Grade:100%*
- **MatLab** - Taking a 9-week online class;
Introduction to Programming with MATLAB by Vanderbilt University *In progress*
- Other languages: C++, JavaScript, L^AT_EX, HTML.

Work Experience

Cornell Math Support Center

Undergraduate Tutor

Jan 2017 - May 2018

- Explaining math concepts and questions of various levels, from calculus to 4000 level classes.

Ross Mathematics Program

Columbus, OH

Counselor

June 2017 - July 2017

Junior Counselor

June 2016 - July 2016

- A six-week intensive summer program on elementary number theory.
- Guiding high school students towards proving Unique Factorization, Quadratic Reciprocity, and basic results in Galois theory through a structured list of lemmas and numerical demonstrations.

Other Experience

Cornell Undergraduate Math Club

Puzzle Session Leader

Feb 2018 - Now

- Writing puzzle sheets for biweekly puzzle meetings and special events.
The puzzle sheets are posted online at <http://bit.ly/MathClubPuzzle>.

Purdue University Problem of the Week

Participant

Fall 2014 - Spring 2015

- Solved 7/13 in Fall 2014 and 6/13 in Spring 2015, which would qualify for the highest award for Purdue undergraduates for both semesters.