

# Rui (Peter) Pan

<http://ruipeterpan.github.io>

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## EDUCATION

### UW-MADISON

HONORS BS IN COMPUTER

SCIENCES + APPLIED MATH

Expected May 2021 | Madison, WI

GPA: 3.96 / 4.00

Dean's List (3/4)

### HIGH SCHOOL AFFILIATED TO SHANGHAI JIAO TONG UNIVERSITY

Grad. Jun 2018 | Shanghai, China

GPA: 3.8 / 4.0

Excellent Graduate

Programmer Leader in FTC club

## LINKS

Github:// [ruipeterpan](#)

LinkedIn:// [Rui \(Peter\) Pan](#)

Facebook:// [Rui \(Peter\) Pan](#)

## COURSEWORK

### UNDERGRADUATE

Algorithms

Artificial Intelligence

Computing Theory

Databases

Data Analysis

Data Structures

Operating Systems

Advanced Linear Algebra

Calculus

Discrete Math

Probability

### COURSERA

Software Engineering

Deep Learning

Front-end Web Design

Back-end Web Applications

Cryptography

## EXPERIENCE

### UNDERGRADUATE LEARNING CENTER | TUTOR IN COMPUTER SCIENCES AND MATH

Sep 2019 – May 2020 | Madison, WI

Offered drop-in and by-appointment tutoring sessions for introductory and intermediate (below 500) computer sciences and math courses to individual or small groups of engineering students to improve academic performance.

### COURSERA | SUBTITLE TRANSLATOR

May 2019 – May 2020 | Remote

Helped translate English subtitles to Simplified Chinese subtitles in multiple courses.

### HSASJTU | STUDENT INSTRUCTOR

Sep 2017 – May 2018 | Shanghai, China

Designed introductory computer sciences course about programming basics.

Gave lectures on AP Computer Science A and Intro to Data Analysis to 10+ students.

## RESEARCH

### UW-MADISON COMPUTER SCIENCES DEPARTMENT | UNDERGRADUATE RESEARCH ASSISTANT

May 2020 – Present | Madison, WI

Worked under Prof. Shivaram Venkataraman.

### WISCONSIN INSTITUTE FOR DISCOVERY | UNDERGRADUATE RESEARCH ASSISTANT

Jan 2020 – Present | Madison, WI

Worked on the Dairy Brain project.

## AWARDS

2019	Accomplishment	Translating 15,000 words
2019	Certificate	Deep Learning on Coursera
2019	Certificate	Campus Security Authority
2018	Accomplishment	AP Scholar with Honor
2018	1 <sup>st</sup> Prize	2nd National HS Data Mining Contest
2018	1 <sup>st</sup> Prize	2nd National HS Scholarly Projects Contest
2017	National 3 <sup>rd</sup>	2015-16 FTC Robotics Competition
2017	Award	Rockwell Collins Innovate Award in FTC
2017	Award	Winning Alliance Award
2017	Accomplishment	Honored Volunteer

## SKILLS

### PROGRAMMING

Over 5000 lines:

Java • Python • C • C# • HTML/CSS

Over 1000 lines:

R • Javascript • Unix • SQL

Familiar:

PHP • Angular • NodeJS