

Rui (Peter) Pan

<http://darthp.github.io>

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EDUCATION

UW-MADISON

HONORS BS IN COMPUTER

SCIENCE + APPLIED MATH

Expected May 2021 | Madison, WI

GPA: 4.0 / 4.0

Dean's List (All Semesters)

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

DM in varsity soccer team

LINKS

Github:// [darthp](#)

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

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

COURSEWORK

UNDERGRADUATE

Algorithms

Data Structures

Data Analysis

Computing

Operating Systems

Linear Algebra

Probability

Discrete Math

Calculus

COURSERA

Software Engineering

Deep Learning

Front-end Web Design

Back-end Web Applications

Cryptography

SKILLS

PROGRAMMING

Over 5000 lines:

Java • Python • C# • C • HTML/CSS

Over 1000 lines:

R • CSS • Javascript • Unix

Familiar:

MySQL • PHP • Angular • NodeJS

EXPERIENCE

UNDERGRADUATE LEARNING CENTER | TUTOR IN COMPUTER SCIENCE AND MATH

Sep 2019 – Present | Madison, WI

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

COURSERA | VOLUNTARY SUBTITLE TRANSLATOR

May 2019 – Present | Remote

A member of the Coursera Global Translator Community.

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

HSASJTU | STUDENT INSTRUCTOR

Sep 2017 – May 2018 | Shanghai, China

Designed introductory computer science course about programming basics.

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

LIZ'S MARKET | STUDENT SUPERVISOR

Nov 2018 – May 2019 | Madison, WI

Supported other student employees and provided training and supervision.

Demonstrated leadership and acted as a role model while working with a diverse population of student employees.

RESEARCH

INFORMATICS SKUNKWORKS | UNDERGRADUATE RESEARCHER

Sep 2019 – Present | Madison, WI

Used machine learning to identify sites of bleeding on angiograms.

Helped interventional radiologists in UW-Health to enable more effective embolization.

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 st Prize	2nd National HS Data Mining Contest
2018	1 st Prize	2nd National HS Scholarly Projects Contest
2017	National 3 rd	2015-16 FTC Robotics Competition
2017	Award	Rockwell Collins Innovate Award in FTC
2017	Award	Winning Alliance Award
2017	Accomplishment	Honored Volunteer