

# Yushun (Oliver) Chen

## Education

### University of Wisconsin - Madison

Bachelor of Science: Computer Science, Statistics, and Applied Math  
September 2019 - May 2022 (expected), Madison, WI  
GPA: 3.947/4.000. Dean's List (all semesters).

### College of Letters & Science Honors Program

Offered to UW-Madison's most talented and engaged undergraduates. Requires 24-credit Honors coursework from humanities to social and natural sciences.

### Charlotte Catholic High School

Aug 2016 - May 2019, Charlotte, NC

GPA: 4.5/4.8. First Honors (all semesters). Founder of the Ping Pong Club. Student manager for varsity men's soccer team. Member of the varsity track and field team.

## Experience

### Xunxiang Technology Team | Developer

May 2020 - Present

Leading the technology team for Xunxiang, a non-profit organization providing information and mentorship for international students.

- Developed the [official website](#) for the organization.
- Utilizing knowledge of HTML/CSS, JavaScript, Node.js, React.js, Django.
- Used APIs, frameworks, and libraries from Bootstrap, jQuery, Editor.js, Mongoose and implemented MongoDB for back-end databases.

### Undergraduate Research Assistant | CAVH Group

Sept 2020 - Feb 2021

Worked on research projects in the Connected and Automated Vehicle & Highway System group under the supervision of Dr. [Bin Ran](#).

- Implemented highway systems of manual and automated vehicles including car following models, lane changing, cost functions, platooning, and other simulations
- Conducted literature reviews for CAVH related algorithms

### China Construction Bank | Intern

June 2018 - July 2018

Interned at China Construction Bank Three Gorges Branch.

- Helped customers with opening accounts, transferring and depositing, corporate banking service, loan application, living expenses payment, etc.
- Guided the customers to use e-bank machines so they could deal with business independently, and helped the old use the ATM machines.
- Learned about big data management of user information.

### State Grid Corporation of China | Intern

June 2017 - July 2017

Interned in State Grid Yuan'an Power Dispatching Control Center.

- Learned about the distribution of electricity into households in the city
- Contributed to monitoring, recording, and equipment repairing of the transmission and dispatch of electric power.

## Contact Details

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## Selected Coursework

Advanced R for Statistics  
Algorithms  
Applied Regression Analysis  
Calculus  
Combinatorics  
Experimental Design  
Linear Algebra  
Probability and Inference  
Programming I, II, III  
Machine Organization  
Mathematical Analysis  
Stochastic Processes

## Skills

Programming skills:

R, Java, Python, HTML/CSS/JS

Personal skills:

Chinese Calligraphy, drum kit

## Selected Honors & Awards

- UW-Madison Undergraduate Scholarship for Summer Study
- National AP Scholar & AP Scholar with Distinction
- Academic Achievement Award: Class of 2019, from the Department of Physics at CCHS
- National Honor Society
- Mu Alpha Theta (National Math Honor Society)
- American Mathematics Competition: Highest score holder at CCHS

## Quick Links

Portfolio website:

<https://yushunchen.com>

GitHub: [YushunChen](#)

LinkedIn: [Yushun \(Oliver\) Chen](#)