

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: 3.938/4.000. 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](#) (Chinese) for the organization.
- Developed its related product [PointNinetyNine](#) (Chinese).
- Utilizing knowledge of HTML/CSS, JavaScript, Node.js, React.js, Vue.js, Django.
- Exposed to APIs, frameworks, and libraries such as Bootstrap, Express, MongoDB.

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 2018: Highest score holder at CCHS

Quick Links

Portfolio website:
<https://yushunchen.com>
GitHub: [YushunChen](#)
LinkedIn: [Yushun \(Oliver\) Chen](#)

McBurney Disability Resource Center | Note-taker

September 2019 - Present

Worked as a note-taker for the disability resource center.

- Provide comprehensive and well-organized notes of lectures, discussions, and labs for the center to help those who are in need of accommodations for gaining notes.

University Housing Dining & Culinary Services | Team Member

September 2019 - November 2019

Worked at Liz's Market which is an on-campus dining hall.

- Provided excellent dining and culinary services such as preparing and serving food, cleaning, and operating cash registers and POS systems.
- Helped other new members to fit into the team.