

# WENJIE WANG

New York, NY | (646)-338-8662 | [ww523@cornell.edu](mailto:ww523@cornell.edu)  
[GitHub](#) | [LinkedIn](#) | [Website](#)

## EDUCATION

---

**Cornell Tech (Cornell University)**, New York, NY May 2024  
*Master of Engineering in Computer Science*  
**Award:** Merit Scholar

**Connecticut College**, New London, CT May 2023  
*Bachelor of Arts in Computer Science* | GPA: 3.9  
**Honors/Awards:** Award for Distinction in Computer Science, Award for Distinction in Statistics, Dean's High Honors, Wesleyan DataFest 2022 Best Business Application, Thames Scholarship

**Relevant Coursework:** Data Structure, Algorithm, Computer Networks, Algorithms and Data Structures for Applications, Database System, Computer Organization, Software Engineering

## TECHNICAL SKILLS

---

<b>Coding Language:</b>	Python, HTML5, CSS3, JavaScript, R, TypeScript, Java, SQL, C#, MATLAB
<b>Frameworks:</b>	ReactJS, NodeJS, Flask, AngularJS, jQuery, Django
<b>Operating Systems:</b>	MacOS, Windows, Linux, UNIX
<b>Other Tools:</b>	Git, MySQL, AWS, scikit-learn, Pandas, NumPy, Plotly

## EXPERIENCE

---

**Blackbaud, Software Engineer Intern**, Remote May 2022 – Aug 2022

- Engineered a high-impact single-page web application using Angular and .NET with the Payments team.
- Transformed A/B test data analysis by creating a streamlined platform, resulting in accelerated decision-making processes.
- Played a pivotal role in improving the effectiveness of nonprofit donation campaigns by facilitating efficient retrieval and analysis of A/B test data from AWS S3 Bucket.

**Connecticut College, Research Assistant – Mathematics Department**, New London, CT Sept 2022 – May 2023

- Conducted research on the inverse generalized Weibull distribution, using RStudio to develop and implement statistical models to analyze the distribution's characteristics and behavior.
- Developed and implemented simulation tests and real-world data test to validate; Refined the statistical models and ensure their accuracy and robustness.
- Collaborated with Professor Yan Zhuang to review findings and make recommendations for further research or application of research outcomes.

**TeamWork Education Foundation, Software Engineer - Volunteer**, Remote Aug 2021 – Dec 2021

- Conceptualized, crafted, and executed a WordPress website upgrade to the latest version, resulting in heightened website traffic and increased donation rates, thus playing a pivotal role in enhancing the organization's overall success.

## PROJECTS

---

**Camel Planner**, (ReactJS, NodeJS, MySQL, cPanel, ExpressJS)

Connecticut College course scheduling website that simplifies class registration process.

- Developed a React-based web app with NodeJS and MySQL support for planning course schedules.
- Hosted the application on cPanel, ensuring high availability and accessibility for users.
- Streamlined course scheduling process and reduced stress for students through intuitive interface.
- Demonstrated proficiency in web development and user-focused solutions.

**Data Visualization**, (Flask, PostgreSQL, Docker, Plotly)

Containerized Flask data visualization web app for PostgreSQL data using Docker.

- Developed a web-based dashboard using Flask, PostgreSQL, and Docker containers, featuring interactive visualizations created with the Plotly package.

## CERTIFICATIONS

---

- AWS Certified Cloud Practitioner (CFA)
- AWS Certified Solutions Architect – Associate (SAA)