

WENJIE WANG

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EDUCATION

Cornell Tech/University | New York, New York

Expected M.Eng May 2024

Computer Science

Connecticut College | New London, Connecticut

B.A May 2023

Computer Science and Data Science

Major GPA: 4.0 | Cum. GPA: 3.9

- Awards: Award for Distinction in Computer Science, Award for Distinction in Statistics, Dean's High Honors, Wesleyan DataFest 2022 Best Business Application

TECHNICAL SKILLS

Languages: Python, TypeScript, SQL, Java, JavaScript(ES6), HTML5, CSS3, C#, MATLAB, RStudio

Frameworks: ReactJS, AngularJS, Flask, Django, NodeJS, ExpressJS, jQuery, ASP.NET Core

Developer Tools : Git, Linux, Unix, Unity, Relational Database, MySQL, AWS SDK

Certificate: AWS Certified Cloud Practitioner, AWS Certified Solutions Architect - Associate

EXPERIENCE

Blackbaud

May 2022 – August 2022

Software Engineer Intern

Remote

- Utilized AWS SDK and Python to develop a script for retrieving data from an AWS S3 Bucket
- Designed and implemented a single-page web application with visualization capabilities using Angular and .NET for analyzing and downloading A/B test data, resulting in a significant reduction in time spent on running and analyzing A/B tests
- Solved the challenge of fetching A/B test data from AWS S3 Bucket, improving data accessibility and enabling more efficient analysis

Connecticut College

Sept 2022 – April 2023

Research Assistant

- 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 and refine 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

Aug 2021 – Dec 2021

Web Developer + UX/UI Designer

Remote

- Developed a custom WordPress website, incorporating modern design principles and improved usability, resulting in increased engagement and a better user experience for visitors
- Successfully updated the website to the latest version of WordPress, ensuring that it is secure, stable, and up-to-date
- Increased website traffic and donation rates, contributing to the success of the organization

PROJECT

Camel Planner | *React, JavaScript, HTML5, CSS3, NodeJS, ExpressJS, MySQL, cPanel, Git*

- Developed a React-based web app with Node 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, Git, GitHub*

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