

Grace Huang

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PROFESSIONAL EXPERIENCE

PRINCIPAL FINANCIAL GROUP

Software Engineer Intern

Des Moines, IA

May 2024 - Present

WASHINGTON UNIVERSITY IN ST. LOUIS

Teaching Assistant (CSE 240, CSE 247, CSE 332)

St. Louis, MO

August 2023 - Present

- Help students practice lecture material for Data Structures & Algorithms during weekly studio sessions
- Conduct weekly office hours to answer students' questions and assist on problem sets
- Grade and provide feedback on students' exams and assignments

TECHPOINT

Xplore Program Participant

Remote

June 2023 - August 2023

- Completed 16 professional development simulations related to data science, software engineering, cybersecurity, and UI UX design through Forage
- Learned from programs designed by JP Morgan, Cognizant, Two Sigma, Verizon, Accenture, and BCG

NATIONAL ADVANCED DRIVING SIMULATOR

Data Analyst & Visualization Intern

Iowa City, IA

June 2021 - August 2021

- Developed a batch-processing method using Python to clean 1000+ unstructured eye-tracking pixel data
- Determined generalized areas where drivers of the simulations would frequently glance to by dividing the pixel data into quadrants and visualizing the data using various statistical models

PROJECTS

FILE SYSTEM SIMULATION | C++

- Programmed a software simulation of a file system with a user interface imitating that of a terminal to allow users to interact with the system and have control over the files it contains

CALENDAR | HTML, CSS, PHP, JavaScript, MySQL, AWS

- Developed a personalized and interactive calendar where different users can create descriptive events to put on their calendar, associate events with customizable tags, edit/delete events they've created, and share selected events with other users of the application

CHAT SERVER | HTML, CSS, JavaScript, Socket.IO, AWS

- Implemented a functional chat server where users can create or join public/private chat rooms with arbitrary names, see all the users currently in a specific chat room, and send private messages to other users in the same room

EDUCATION

WASHINGTON UNIVERSITY IN ST. LOUIS | MCKELVEY SCHOOL OF ENGINEERING

St. Louis, MO

Bachelor of Science, Computer Science + Mathematics; Minor in Biomedical Data Science

Expected Graduation: May 2026

- GPA: 3.98; 4x Dean's List
- Relevant Coursework: Data Structures & Algorithms, Logic and Discrete Mathematics, Object-Oriented Software Development, Introduction to Data Science, Rapid Prototype Development and Creative Programming, Introduction to Artificial Intelligence, Intermediate Statistics and Data Analysis with R, Foundations of Biomedical Computing

SKILLS

- Languages: C++, Java, Python, HTML, CSS, PHP, JavaScript
- Other: Amazon Web Services (AWS), Adobe Creative Cloud, Figma, Adalo, Jupyter Notebook