

# GRACE HUANG

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## EDUCATION

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**Washington University in St. Louis, McKelvey School of Engineering | St. Louis, MO**

**Expected Graduation: May 2026**

*Bachelor of Science in Computer Science + Mathematics*

- GPA: 3.99; 2x Dean's List
- Relevant Coursework: Introduction to Computer Science, Data Structures and Algorithms, Logic and Discrete Mathematics, Multivariable Calculus, Intermediate Statistics and Data Analysis with R, Object-Oriented Software Development (In Progress), Introduction to Data Science (In Progress), Matrix Algebra (In Progress)

## WORK EXPERIENCE

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**Washington University in St. Louis**

**August 2023 – Present**

*Teaching Assistant for Logic and Discrete Mathematics & Data Structures and Algorithms*

- Lead weekly studio sessions for the Data Structures and Algorithms course with a group of 5 other TAs to help students practice lecture material
- Conduct weekly office hours to answer students' questions and assist on problem sets
- Grade and provide feedback on students' exams and assignment submissions

**TechPoint | Remote**

**June 2023 – August 2023**

*Xplore Program Participant*

- Completed 16 professional development simulations related to data science, software engineering, cybersecurity, and UI UX design through Forage with the guidance of the TechPoint team
- Simulations include programs designed by JP Morgan, Cognizant, Two Sigma, Verizon, Accenture, and BCG

**National Advanced Driving Simulator | Iowa City, IA**

**June 2021 – August 2021**

*Data Analyst Intern*

- 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 with various statistical models

**VA Health Care System | Iowa City, IA**

**June 2021 – August 2021**

*Patient Escort, 150+ hours*

- Escorted patients to specified units/appointments and delivered specimens to the laboratory
- Assisted in the volunteer office by updating the computer database to keep a record of the calls taken by each volunteer in a given day

## LEADERSHIP & ACTIVITIES

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**WashU Association for Computing Machinery | St. Louis, MO**

**October 2022 – Present**

*Treasurer, Event Coordinator & Designer*

- Oversee club funds by recording all transactions/reimbursements made and sending funding appeals/requests to WashU's student union
- Coordinate with local companies and academic organizations to host events that encourage participation in computer science and provide career assistance for prospective engineers

**WashU InSite | St. Louis, MO**

**October 2022 – Present**

*App Developer*

- Design and implement mobile applications using no-code platforms such as Adalo and Figma to improve current programs used by the school and to create new platforms to help students better adapt to campus-life

## PROJECTS

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**Study Spaces App (InSite)**

*Adalo, Figma*

- Designed and built a mobile application to help current WashU students discover study spots on campus based on different specifications such as location, noise level, and food nearby

## SKILLS

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- Languages: Java, HTML, CSS, R, Python, C++
- Other: Adobe Creative Cloud, Adalo, Figma