

# SARAH HUANG

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## EDUCATION

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**The University of Tennessee, Knoxville,** Tickle College of Engineering Cumulative GPA: 3.73/4.00  
*Bachelor of Science in Computer Science* Graduation: May 2024  
Major: *Computer Science* Concentration: *Honors Computer Science 5 Year BS/MS*  
Relevant Coursework: User-Centered Design, Software Engineering, Data Structures & Algorithms

## SKILLS

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- **Programming Languages:** C++, Java, JavaScript, HTML, CSS
  - **Frameworks:** Angular, Node.js, Cucumber, TestNG, MySQL, Selenium, Appium
  - Experience with Git, Dockeragile, scrum, and kanban

## PROFESSIONAL EXPERIENCE

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**Jewelry Television** Knoxville, TN  
*Software QA Automation Engineer Intern* May 2022 – Aug. 2022

- Fixed pre-existing automated front-end tests for the mobile resolution of the company's website and adapted them to run on Android and iOS emulators
- Developed new positive and negative automated tests for 10 untested backend API endpoints
- Researched visual testing tools (e.g. Percy, AppliTools) to advance the company's current testing procedures

## NOTABLE PROJECTS

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**Null Time Game** Aug. 2022 – Dec. 2022  
*Front-End Developer*

- Illustrated the logo, icons, and all 7 screen layouts with SASS and Canva to establish a visual identity
- Designed reusable confirmation and error modals with Typescript and Angular Material
- Oversaw Trello board and scheduled bi-weekly scrum meetings with a 5-person team

**Dungeon Dweller** Mar. 2020 – Apr. 2020  
*Game Designer, Programmer, 2D Game Artist*

- Developed a 2D sprite game using Java and Greenfoot game engine with 782 plays on the Greenfoot website
- Conceptualized 5 sprites and 15 cutscenes with the drawing application Pixilart to form an engaging story
- Managed kanban board with a 2-person team to promote accountability and ensure equal workload

## LEADERSHIP IN EXTRACURRICULARS

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**UTK Kao Innovation & Collaboration Studio** Knoxville, TN  
*Student Supervisor, Public Relations Manager, Hiring Manager* Aug. 2021 – Present

- Established the first PR Team and presently delegate tasks in social media posting, website updates, and collaborations with the Office of Engineering Communications faculty
- Streamlined hiring process by creating forms, interview scheduling page, email templates, rosters, and handbook
- Increased Instagram follower count from 300 to 528 by posting student worker-focused content

**Society of Asian Scientists and Engineers UTK Chapter** Knoxville, TN  
*President (Fall 2023 - Present)* May 2021 – Present

- Networked with department heads and procured \$2,000 to finance 20 students for SASE National Convention
- Secured sponsorships, professional development events, and mentorship networking with 4 companies
- Co-authored the SASE Inspire Award application and won "2023 Inspire Award for Most Philanthropic Chapter"

*Vice President (Fall 2022- Spring 2023)*

- Authored and continuously maintained a 38-page transition handbook for incoming officers
- Oversaw officers' and conference committees' projects and event planning
- Prepared a 3-day itinerary and supervised a group of 17 members attending the SASE National Convention