

Hailey H. Kim

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EDUCATION

University of Nevada - Las Vegas
Bachelor of Science in Computer Science, Minor in Mathematics

December 2024
GPA: 3.53/4.0

TECHNICAL SKILLS

Languages: C++, C, Java, Python, SQL, JavaScript, Typescript, HTML, CSS
Frameworks/Technologies: Angular, Node.js, Tailwind CSS
Databases: MySQL, HeidiSQL, Firebase
Tools/Software: Git, Xcode, Visual Studio, CodeRunner, Atom
Operating Systems: Linux, Windows, MacOS

RELEVANT COURSEWORK

Operating Systems (C): Focused on system resource management, including organization, sharing, and allocation of system resources

Analysis of Algorithms (C++): Studied the evaluation of algorithm efficiency with the analysis of time and space complexity

PROJECTS

Sorting Algorithm Visualizer (React + Vite) - [GitHub](#)

Feb. 2025 – Mar. 2025

Languages: HTML, CSS, JavaScript

- Developed a responsive web application using React and Vite for fast performance and efficient development
- Implemented Bubble Sort, Merge Sort, Selection Sort, Quick Sort, and Insertion Sort with step-by-step animations
- Enabled real-time speed control for adjusting sorting execution time dynamically
- Deployed the project using Vercel

Toebeans (Senior Design Group Project) - [GitHub](#)

Aug. 2024 – Dec. 2024

Languages: TypeScript, HTML, CSS, JavaScript, Python

- Collaborated with a team of 7 classmates to design and develop a platform integrating pet adoption and foster services
- Created a user-friendly event page using Angular, ensuring a responsive design and seamless user experience
- Built an event registration portal to simplify sign-ups for adoption and foster events
- Enhanced platform security by implementing an auth guard service to secure routes and enforce authentication logic

Personal Website - [GitHub](#)

Aug. 2024 – Present (constantly updated)

Languages: HTML, CSS, JavaScript

- Developed a personal website from scratch to showcase projects and technical skills
- Implemented a typewriter effect using JavaScript, simulating terminal-like text typing out commands, followed by a sequential reveal of personal information
- Designed the site to be responsive across different devices, with a mobile-friendly navigation menu that toggles visibility using JavaScript
- Deployed the website using GitHub Pages, managing the code with version control through Git

RELEVANT EXPERIENCE

IT Student Lab Monitor

Aug. 2022 - Dec. 2024

UNLV Office of Information Technology

- Assisted 15-20 students daily with device loan requests, including ticket creation, providing essential information, and managing pickups/returns
- Supported 10 students per day with hardware and software access, troubleshooting software installations, printer setups, and network connectivity
- Ensured smooth lab operations by maintaining two lab printers and monitoring them for efficient usage
- Demonstrated reliability through general lab maintenance, ensuring student safety and compliance with lab policies
 - **Tools Used:** TeamDynamix Ticketing Systems, Slack, Workday, RebelPrint-ADMIN, Escanear