

Hailey H. Kim

Las Vegas, NV 89148

(702) 274-9029 | hailey.kim.062@gmail.com | [linkedin.com/in/hailey-kim-/](https://www.linkedin.com/in/hailey-kim-/)

EDUCATION

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

December 2024

TECHNICAL SKILLS

Languages: C++, C, Java, Python, SQL, HTML, CSS, JavaScript, Matlab, R
Operating Systems: Linux, Windows, MacOS
Tools: Xcode, Visual Studio, Coderunner, Atom, Git, MySQL, HeidiSQL

RELEVANT COURSEWORK

Introduction to Data Mining (Python): Provide an introductory exploration of fundamental data mining concepts

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

Information Assurance: Provide an overview of information assurance principles

PROJECTS

Personal Website (HTML, CSS, JavaScript)

- Created a personal website from scratch as a side project.

Game Programs (Python)

- Built game programs from scratch as a side project.

Espresso Compiler Project (Java) - Compiler Construction Project (in progress)

- Implemented a compiler for a language called Espresso (a subset of real Java) consisting of 6 phases with a partner.
- The project involved constructing a scanner and parser for the Espresso language using JFlex and Java CUP, building a syntax tree for the parsed program, adding a symbol table, performing type and modifier checks, and generating intermediate assembler code that can be compiled to Java class files using Jasmin and run on the JVM.

Missing Assignments (C++) - Data Structures Project

- Built a program to find the missing assignments of students with 100 percentage of expected result
- Prompted a user to enter the names of input files; the list of 25 students' names and the list of submitted assignments
- Used an unordered map to hold data of missing assignments
- Printed out a list of students' names along with their missing assignments

RELEVANT EXPERIENCE

Lab Monitor

August 2022 - Present

Office of Information Technology, University of Nevada - Las Vegas, Las Vegas, NV

- Assist approximately 15-20 students a day with checking out the device loan requests
 - Creating a ticket for pick up/ return the device, informing the essential information/due dates, etc.
- Assist approximately 10 students a day with using computer software/hardware
 - Installing software, connecting wireless printers to the computer, connecting devices to ethernet and Wi-Fi, etc.
- Maintain two computer labs. One lab with 45 computers and printers and another lab with 14 computers and printers
- Ensure students follow policy/procedures of computer lab by checking the labs and its group rooms
- Tools Used: TeamDynamix Ticketing Systems, Slack, Workday, RebelPrint-ADMIN, Escanear