

Salu Poudel

salu.github.io | (269) 873-1291 | linkedin.com/in/salup/
US-citizen | salupoudel02@gmail.com

EDUCATION

Bachelor of Science in Computer Science

University of Texas at Arlington

December 2024

GPA-3.32

TECHNICAL SKILLS

Languages: Java, Python, SQL, C/C++, HTML/CSS

Frameworks: JUnit, Node.js, ReactJS

Developer Tools: Git, Virtual Machine, VS Code, Eclipse, Jira, MATLAB

PROJECTS

Personal Website | *HTML/CSS, Git*

- Created a website to showcase personal information, including features like hyperlinks to LinkedIn, GitHub, and a downloadable PDF version of the resume.
- Developed the website using HTML and continuously updating it as new features are identified and incorporated.
- GitHub is used to facilitate the maintenance and updating of various features.

Shell | *C*

- Developed a command-line shell, "Mav Shell (msh)," influenced by shells such as Bourne Shell (bash), C-Shell (csh), and Korn Shell (ksh).
- Streamlined forking of child processes during command execution.
- Ensures uninterrupted operation comparable to csh and bash until terminated by the user.

Guessing Game | *Java, JUnit*

- Developed a secure login system requiring users to input a specific password for subsequent page access.
- Program generates a random picture on the subsequent page and requests a response from the user.
- Utilized various Java libraries to achieve optimal program performance and user experience.

Chat Box | *C*

- Developed a chatbox within a terminal environment, which allows a single computer to function as both the client and server through appropriate configuration.
- Implemented client-server communication, enabling clients to initiate conversations with the server similar to customer service chat boxes used by companies.

Dictionary | *C*

- Designed a dictionary-like application using a hashing algorithm to execute efficient search operations.
- Optimized code performance by employing separate chaining, a technique that utilizes linked lists instead of open addressing, resulting in faster and more precise search results.

WORK HISTORY

FC-associate

Amazon

January 2022 - July 2022

Irving, TX

- Efficiently and accurately processed and fulfilled customer orders for distribution, leading to timely deliveries and achieving a high rate of customer satisfaction.
- Collaborated daily with managers to optimize work activities, driving both individual and team productivity to meet and often surpass operational goals.

ORGANIZATIONS

- ACM - Association for Computing Machinery
- SASE - Society of Asian Scientists and Engineers