

Adiba Akter

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EDUCATION

- **California State University, Sacramento** **Expected Graduation: Fall'24**
Bachelor of Science in Computer Science, Minor in Marketing **GPA: 3.48**
- **North South University, Dhaka** (January 2019 - May 2021)
Bachelor of Science in Computer Science and Engineering **GPA: 3.15**
- **RELEVANT COURSEWORK:** Data Structure and Algorithms, Computer Architecture, Systems Programming, Project Management (Agile Methodology), SDLC, Database Management Systems, PR management, Operating System Principles, Computability and Formal Language, Computer Networking
- **CERTIFICATIONS:** The Complete Web Developer in 2023: Zero to Mastery by Udemy

WORK EXPERIENCE

- **Sac State Enrollment Management and Student Services** (April 2022 – Present)
Student Assistant: Working on solving technical problems related to students' enrollment data resolving problem tickets in EAB, troubleshooting problems in CMS. Working on student enrollment projects with excel spreadsheets, Tableau and participating in trials for scheduler apps. Nominated for student employee of the year 2023.

PROJECTS

- **Blood bank Management:** Built a blood bank app that can search for blood or people by checking the database matching blood group and location using C programming language using CodeBlocks (March 2019)
- **MIETE- House Rent Management:** Built a Rent management app with Java and GUI graphics to that will keep track of tenants and find rentable houses in an area using Eclipse, GUI (March 2020)
- **California Gold Rush game:** Developed a game with Assembly language in Linux environment to where you mine for gold, spend gold on supplies and reach for a higher score using MobaXterm (May 2022)
- **Call Center Visualizer:** Created an agent-based website for a real life client aka a call center supervisor using Java, JS, and RestAPI to track the status of call center agents using full stack software and frameworks like Brackets, Eclipse, Postman API, GitHub (December 2022)
- **MusicDB:** Designed a Java-based music database system integrating backend programming with MySQL in Oracle where you can add, delete, and update music and artist info using Oracle, Eclipse (May 2023)
- **Personal Portfolio website:** Fully responsive NPM website using HTML, JS, SCSS, Bootstrap structure, Sublime text, Gitbash and Netify to deploy the website (May 2023)
- **WeatherApp:** Developed a Python-based weather application using OpenWeather API, Tkinter, and ttkbootstrap for real-time weather updates, integrating requests library and PIL for API communication and image processing, with robust error handling for enhanced user experience (December 2023)

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, JavaScript, HTML5, CSS, MySQL (Oracle), Unix
- **Software:** Eclipse, CodeBlocks, GitBash, Postman, VSC, GitHub, MobaXterm, Virtual Box, Tableau, WireShark
- **Frameworks:** React, NPM, Bootstrap, Linux, Rest API, Ubuntu, JSON, NodeJs, Tkinter
- **KEY Skills:** Communication, Critical Thinking, Leadership, Problem-solving, Adaptability, Fast-Learner

LEADERSHIP EXPERIENCE:

- Corporate and Finance Team of IEEE North South University Student Branch (2019 - 2020)
- North South University International Model United Nations Club Officer and Organizer (2019)
- Holy Cross Science Club Assistant Vice President (2017-2018)