

Akshaj Murhekar

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EDUCATION

The University of Texas at Arlington

Arlington, TX

Bachelor of Science in Computer Science Engineering

Expected – May 2024

GPA – 3.621

Related Coursework: Intro to C Programming, Problem Solving in Engineering, Intermediate C Programming, Discrete Structures, Intro to CS and Engineering, Object Oriented Programming, Algorithms & Data Structures, Computer Organization and Assembly Language Programming, Linear Algebra and Vector Spaces

WORK EXPERIENCE

Research Coach, UT Arlington (Arlington, TX)

May 2021 – April 2022

- Provided hands on research help to students
- Coached over 100 students and staff weekly in research using library databases and online resources
- Resolved technical problems and provided hands-on support to customers
- Attended and conducted new hire interviews

PROJECTS

HitchConnect (Java Desktop Application, Spring 2022)

- Implemented and deployed a Java GUI that would let the user sign in as a guest, admin and driver.
- Used various data structures and implemented concepts from inheritance and polymorphism. Developed the GUI with Swing and used other libraries from Java AWT.

Movie Theater Ticketing System (Fall 2021)

- Implemented a script in C that lets you book tickets in a movie theater. Program asks for the desired seat and books it for the user. It also shows the map of the theater to guide the user to the selected seat
- Gained experience using various C libraries and manipulating data structures

Break Even Analysis (Fall 2020)

- Developed a program in MATLAB that calculated breakeven analysis for a newly born pair of elephants at a local zoo
- It calculated a time in months for the zoo to recover the costs of constructions with different kinds of construction materials

SKILLS

Languages: Java, C, Python, MATLAB, MySQL, HTML, CSS, JavaScript, MS Office, Word, Excel

Professional fluency in English, Hindi and Marathi and beginner fluency in Spanish

Soft Skills: Strong communicator, team player, critical thinker, leader, avid and fast learner, creative mindset

LEADERSHIP AND INVOLVEMENT

EXCEL Campus Activities, Team Member

June 2021 – Dec 2021

- Helped out in conducting and managing activities for students around campus
- Planned future activities with other members of the organization

UTA's SEDS Chapter, Member

Aug 2021 – Present

- Member of UTA's Students for Exploration and Development of Space

Rotaract Club, Navi Mumbai, India

May 2018 – June 2019

- Part of Rotary International, engaged in community service around my neighbourhood

AWARDS

Freshman Distinction Roll (Fall 2020) | Presidential Scholarship (2020) | Honor Roll (Spring 2022) | Honor Roll (Fall 2021)