

Wafa Afridi

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EDUCATION

University of California, Irvine

B.S. Informatics

Irvine, CA

June 2024

- Specialization in Human-Computer Interaction
- Dean's Honor List (Fall 2021 - Present): Having a 3.5 or above GPA in a given quarter.

Relevant Coursework:

- Intermediate Programming in Python, Programming with Software Libraries, Programming in Java, Requirements Engineering, Project in Human-Computer Interaction, Software Testing and Quality Assurance, Software Design and Architecture, Project Management, User Interaction Software

Girls Who Code and Accenture

Work Prep Participant

Remote

June 2022 - July 2022

- Selected to participate in GWC's three-week career readiness program focused on technical workshops and professional development with senior leaders and engineers at Accenture.
- Workshops consisted of hands-on application and approach to learning such as design thinking, empathetic coding, encryption, social good and technology, and app building
- Met with industry professionals to gain an understanding of the ins and outs of Accenture and the field

WORK EXPERIENCE

UC Irvine

Java Lab Tutor

Irvine, CA

September 2022 - Present

- Coordinated office hours for 4+ hours weekly to assist students with programming in Java and debugging their code for the Programming in Java as a Second Language course.
- Tutored essential programming concepts including OOP, Recursion, Java constructs, Exception handling, and GUI
- Discussed and shared tutoring strategies with ICS staff and tutors during weekly meetings.

PROJECTS

Chatting with Friends

- Used Python and Tkinter to develop a messaging platform that allows users to send a direct message to another user on the server and retrieve all read and unread messages from the server.
- Used JSON to process server response messages and retrieve the user token that is used to connect to the server

2048

- Created the traditional single-player 2048 game in Python
- Arrowkeys are used to merge same number tiles to add up to 2048.

Online Journal

- Created a simple journal posting application in Python that allows users to create an account, both locally and on the server, to post journal entries
- Used APIs to allow users to integrate weather and music information in their posts.
- Worked with communication protocols in JSON to connect to, send, and receive information from a remote server using sockets.

SKILLS

Programming Languages: Python, Java, C/C++, HTML/CSS, JavaScript, R

Frontend Skills: HTML, CSS, JavaScript, React

UI/UX Design: User Research, Usability Testing, Wireframing, Prototyping, Figma

Other Skills: Requirements Engineering, Software Design, Quality Assurance, Software Testing, Selenium, Git