

Amna Nadeem

US Citizen

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Education

University of California, Irvine

B.S. in Computer Science

Specialization in Intelligent Systems

2020 ICS/BRAID Scholarship Recipient

Dec 2021

Dean's Honor Roll

Technical Skills

Programming Languages

Python, C/C++, JavaScript, Java, HTML, CSS

Tools/Frameworks

Git, Linux, OSX, Windows, VMware, Expo, Eclipse, VSCode, Anaconda, Jupyter Notebook, Firebase, React Native

Experience

Computer Science Instructor, Juni Learning, Remote

July 2020 - June 2021

Taught Python and Scratch to students aged 7-18 using project-based curriculum

Explained Algorithms and Runtime Analysis

Received recognition for incredibly positive parent feedback

Worked with 15-25 students per week both one-on-one and in groups via Zoom

Recorded detailed session notes to track each student's progress over their weekly sessions

Adapted curriculum based on students' unique needs and learning style

Python Lab Tutor, UC Irvine, Remote

March 2020 - June 2020

Instructed students on developing, debugging, and testing coursework for ICS 32

Demonstrated how to use debugging tools to step through code and identify errors

Clarified fundamental Python concepts in order to increase student understanding and confidence

Coordinated with TA to hold lab hours 3 days per week via Zoom

Team Member, YogurtLand, Irvine, CA

January 2020 - March 2020

Provided excellent customer service to 200+ customers each shift

Maintained food-safety protocols

Cashier, Yogurt Garden, Sacramento, CA

April 2018 - September 2019

Opened the restaurant independently 3-4 days per week

Troubleshooted and resolved issues for the soft-serve machines and POS system on a regular basis

Built customer relationships by providing excellent customer service

Projects

Step By Step

February 2021

Built an iOS app using Expo and React Native that recommends exercises based on a user's fitness goals

Used Firebase Realtime to create a database of exercises to recommend to users

Implemented a recommendation system in JavaScript based on user ratings and collaborative filtering

ShadowBot

November 2020

Created a bot to promote self-care by allowing users to better understand the online environment they experience

Used the Twitter API and the Natural Language Toolkit to access and analyze tweets using sentiment analysis

Provided users with an analysis of how positive/negative the content analyzed was along with self-care resources

Leadership Experience

Women in Information and Computer Sciences (WICS), UC Irvine

Committee Member, Community Outreach

Mentor, WICS Mentorship Program

January 2021 - Present

September 2020 - June 2021

Applied Machine Learning (AML), UC Irvine

Treasurer, Board Member

December 2019 - June 2020