Danish Naseem

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Education:

The University of Iowa, Iowa City, IA — **Anticipated December 2020**
Bachelor's in Computer Science   Minor: *Music*

College of Dupage, Glen Ellyn, IL — **December 15th, 2017**
Associates in Engineering Science with Honors

Relevant Coursework:
Data Structures & Algorithms, Object-Oriented Programming, Computer Organization, Discrete Structures

Professional Experience:

Broadcast Software intern — June 2018 – August 2018
FCB Chicago, Chicago, IL
- Developed GUI productivity bot with Python and bash to automate post-production ffmpeg encoding tasks and manage time.
- Received positive feedback for excelling at new tasks, such as software development for the post-production department.

Video Technician — November 2018 – Present
Big Ten Network, Iowa City, IA
- Assisted in monitoring and updating official game stats, in-game replays, graphics, cameras; during college sports' live productions including basketball, baseball, softball, wrestling, swimming, gymnastics.
- Assisted in pre-game checks as well as post-game wrap ups.

Customer Service — May 2017 - July 2017
McDonald's, Glendale Heights, IL

Volunteer — October 2016
Bank of America Chicago Marathon, Chicago, IL

Projects:

Today's Songs*: This CLI executable program provides the user with top songs of the day, by using Nokogiri Ruby gem to scrape HTML data from two different sites.

Wave Worm: Wave Worm is a single player 2D Java game. The user tackles the various worms using keyboard keys, and makes his/her way across levels, while maintaining a top score.

ffmpeg Video and Audio Encoder for FCB Chicago: Python 2.7 built, executes ffmpeg bash code through pipeline, user-interactive interface, end-result; reducing video/audio file-size while maintaining quality.

CLI Tic Tac Toe: This is a CLI version of Tic Tac Toe, providing the user with single player, double player, and even zero player (meaning the player gets to watch computer vs computer) experience.

MiniMa: (mini) MIPS Assembler written in Java. 2-person project. Translates MAL instructions to TAL, and TAL to binary; Resolves the addresses of branch and jump labels; and lastly builds an assembler.

Technical Expertise:

Java	JavaScript	
Python (2 & 3)	Node.js	
Ruby	SQL	
HTML/HTML5	Git	
CSS	Bash	

Speaking Proficiencies:

Native in English and Urdu