

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

Professional Experience:

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.

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.

Customer Service

May 2017 - July 2017

McDonald's, Glendale Heights, IL

- Communicated with customers effectively
- Managed monetary transactions of up to \$100

Volunteer

October 2016

Bank of America Chicago Marathon, Chicago, IL

- Maintained a professional appearance and composure in stressful situations
- Solved marathon runners' concerns
- Collaborated with fellow peers and completed team assignments effectively

Technical Expertise:

Computer Languages:

- **Assembly:** MIPS
- **Command-Line Interface:** Bash, CMD
- **Database:** SQL
- **Frameworks:** Node.js
- **Markup:** HTML, HTML5
- **Programming:** C++, C, Java
- **Scripting:** Ruby, Python (2 & 3), JavaScript
- **Stylesheet:** CSS

Applications:

- **Text Editors:** Visual Studio Code, Brackets, Sublime Text, VI
- **IDEs:** WebStorm, IntelliJ, PyCharm, Eclipse, NetBeans
- **Simulators:** MARS, Logisim
- **Version Control:** Git, GitHub Desktop
- **Audio/Video Editors:** Studio One, Pro Tools, Adobe Photoshop, Sony Vegas Pro

Operating Systems: Linux (Ubuntu), Mac OS, Windows; 10, 8, 7, XP.

Projects:

Today's Songs: This CLI executable program provides the user with top songs of the day. It collects the song data from two different sites, lists them to the user, and enables them to listen to these songs by opening the user's preferred song in the chrome browser.

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.

Relevant Coursework:

Calculus, 1, 2, 3, Vector Calculus, Intro to Differential Equations, Intro to Digital Systems, Data Structures, Object-Oriented Programming, Algorithms, Discrete Structures, Computer Architecture

Speaking Proficiencies:

Native in English and Urdu