Aashwin Katiyar

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OBJECTIVE   To obtain a co-op position in software development. Available December – July 2022.

EDUCATION

Rochester Institute of Technology   Rochester, NY
Bachelor of Science in Computer Science   Expected May 2023

PROJECTS

Bouncing Ball Game (personal)
- Designed the game on Unity3D using the C# to apply logic into the game.
- Created all assets as well as the level design from scratch.

Movie Simulation (academic)
- Designed a CLI python application that uses postgreSQL and SQL queries to perform basic CRUD operations.
- The application lets a user search for movies using a catalogue that was created from a dataset from Kaggle.
- Performed data analysis using synthetic data and technologies like pandas, plotly, NumPy to generate interesting graphs.

"Chess Moves: A Solitaire Chess Game" (academic)
- Developed a Java mini-game program that emulates a single player solitaire Chess.
- Built various classes and methods to represent chess pieces and incorporated all of them into a single class to play the game in CLI format.

Discord Bot (personal)
- Coded a discord bot in Python that utilizes the discord bot API to output phrase specific data when certain keywords are sent to a text channel.
- Utilized the YouTube API as well as various python libraries to play music on command in a text channel.

Language Processing Software (academic)
- Programmed a java CLI that is capable of performing Unary as well as Binary operations on numbers.
- Used the functionality of key/value mapping to assign numbers to variables, and in printing the operations in simple word output through stack and queue operations.

Personal Website (academic/personal)
- Designed and coded a website about personal as well as academic life, at https://aashwink9.github.io/aashwin-k/
- Academic project now turned into a personal project (site being overhauled).

SKILLS

Programming: Python, C, C++, Java, C#, HTML, CSS, SCSS, JavaScript, SQL, MongoDB, PostgreSQL, Bash
Software: Windows Command Line, Blender, Maya, Unity, Linux
Linguistic Languages Known: English, Hindi, Chhattisgarhi

RELATED EXPERIENCE

SWAN Softech   Raipur, Chhattisgarh, India
Internship   November 2015 – October 2016
- Worked as an intern for a government-sanctioned project that involved developing an android application for user-controlled road analysis.
- Overhauled and improved the UI/UX elements using Java and Android Studio.

CHiPS - Chhattisgarh Infotech Promotion Society   Raipur, Chhattisgarh, India
Internship   October 2016 – January 2017
- Worked with backend software development for online kids' educational videos.
- Streamlined backend maintenance with SQL for the website.

WORK EXPERIENCE

RIT Brick City Café   Rochester, NY
Dish Attendant   January 2021 – Present

ACTIVITY

RIT eSports, Team Member   August 2019 – August 2020