

PAVNEET CHEEMA

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EDUCATION

BS Computer Science, University of Missouri Kansas City

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GPA: 3.881

SKILLS

Languages Java, Javascript, C++, Python, Racket, Python(tkinter)

Frameworks Django

Tools Git, ASW

Soft Skills Time Management, Teamwork, Problem Solving, Accountability

PROJECTS

UMKC non-profit - LAW, TECHNOLOGY & PUBLIC POLICY (LT&PP) Affordable Housing Options Project

Python, Django, MySQL, Html

- Created a website and software interface to provide homeowners with tools for affordable housing.
- Retrieved data from users to for research purposes.

Project 2- OSRS Grand Exchange flipping calculator

Java(JSoup, JSwing), Mysql

- OSRS is a MMORPG which has a really complex exchange market where players sell and buy items
- web crawled and scraped data from OSRS Exchange webpage
- Stored items description and cost price into the database
- Suggested to sell when item price increased by desired amount.

Project 3- class scheduling program (AI tools)

Python

- Made use of Genetic heuristic and simulated annealing.
- searched through numerous combinations and constraints to build the best possible schedule

Project 4- VR Gully Cricket game

C#, unity, blender

- Set in the Indian street.
- Players can swing the bat to hit the ball.
- NPC throws the ball.
- Player has 6 tries to get the high score.

Project 5 - Portfolio website.

HTML,CSS,JavaScript

- Created a portfolio website for a music producer friend.
- Implemented parallax effect using vanilla java script.

EXTRA-CURRICULAR ACTIVITIES

- Soccer.
- Video Game.