Chintan Patel

Software Engineer Intern
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EDUCATION

Kansas State University   Manhattan, KS
B.S. in Computer Science with Minor in Mathematics   Dec. 2021
- GPA: 3.34/4.00
- Relevant Coursework: Data & Programming Structures; Object-Oriented Design, Implementation, and Testing; Software Architecture/Design; Computer Architecture/Operation; Matrix Theory; Discrete Mathematics

SKILLS

Languages   Python, Java, C#, C/C++, HTML/CSS/JavaScript
Frameworks   .NET Core, .NET Framework, Django, NodeJS, Express, MongoDB

WORK EXPERIENCE

Kansas State University   Manhattan, KS
Teaching Assistant   Aug. 2020 - Present
- Lead weekly lab sessions for 20+ students to review concepts such as state, control structures, methods, patterns of conditionals, iterative control structure, program testing, arrays, classes, and objects.
- Hold three weekly office hours to assist students with comprehending and applying concepts from class, working on lab assignments and projects, or preparing for exams.

The Cedars   McPherson, KS
Dietary Aide   Jan. 2018 - Aug. 2018
- Communicated and interacted with residents and maintained a good relationship with their families, visitors, and nurses.
- Compiled and maintained records of food use and expenditures.
- Upheld safety and health standards for all food and cooperated with the administrative kitchen to abide by each, individual resident's diet requirements.

PROJECTS

League of Legends Player Database   https://git.io/JUyu3
Web App
- Implemented a web app using Node.JS, Express, and MongoDB to store player's information.
- Stored, retrieved, and deleted JSON data in a MongoDB collection using HTTP POST, GET, and DELETE.
- Implementing an update feature to read Riot Game's API to correlate player information with game information.

League of Legends Analytics   https://git.io/JvkNl
Data Science & Web Scraper
- Created a web scraper using Python's Beautiful Soup library to scrape data and Panda to store and organize data frames.
- Manipulated Pandas, NumPy, and Matplotlib to model data using SKlearn and linear regression to classify a correlation using professional player statistics, and visualized findings in Jupyter Notebook.

K-State Hackathon — Qfi   https://git.io/JvkNW
Windows Form Application
- Developed a web form application for students to state queries to teaching assistants and professors.
- Integrated Google's Firebase database API to store and manipulate information for 100 users to establish a connection via IP sockets.
- Managed a team of four developers and practiced the Agile model of software development and spearheaded all design and testing.

EXTRACURRICULAR ACTIVITY

Artificial Intelligence Club
ACM-SIGAI
- Created a python script to read a CSV file that compiled accurate and necessary data points.
- Calculated the optimal date to scale Mount Rainier based on the weather forecast, success rates, etc.
- Devised information to be presented amongst peers and colleagues.