Chintan **Patel**

Software Engineer Intern

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Education

Kansas State University   *Manhattan, Kansas*

B.S. in Computer Science - 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

Work Experience

Kansas State University Computer Science Department   *Manhattan, Kansas*

Teaching Assistant (CIS 200 - Programming Fundamentals)   *Aug. 2020 - Present*

- Lead weekly lab sessions for 20+ students to review concepts such as state, control structures, methods, patterns of conditional, 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/projects, or preparing for exams.

The Cedars   *McPherson, Kansas*

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 Database   *https://git.io/JUyu3*

Web App (HTML/CSS/JavaScript, Node.JS, Express, MongoDB)

- 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 Competitive Analytics   *https://git.io/JvkNl*

Data Science (Python, Jupyter Notebook)

- Created a web scraper using Python's Beautiful Soup library and Panda to extract,store and organize data frames.
- Manipulated Panda, 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 (C#, FireBase Database)

- Developed a windows form applications for college students to state queries towards teaching assistants and professors with user authentication.
- Integrated Google's Firebase Database API to store, manipulate, and access 100+ user's information for authentication.

Skills

Languages	(Preferred) Python · Java · C# (Experienced) C/C++ · HTML/CSS/JavaScript
Frameworks	.NET Core · .NET Framework · Django
Learning	NodeJS · Express · MongoDB

Extracurricular

Artificial Intelligence Club (ACM-SIGAI)

Club Member

- Developed a python script to parse 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.
- Interpreted information to be presented amongst peers and colleagues.