

Chintan Patel

Software Engineer Intern
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EDUCATION

Kansas State University

B.S. in Computer Science with Minor in Mathematics

- GPA: 3.34/4.00

Manhattan, KS

Dec. 2021

SKILLS

Languages Python, Java, C#, C/C++, HTML/CSS/JavaScript

Frameworks .NET Core, .NET Framework, Django, NodeJS, Express, MongoDB

WORK EXPERIENCE

Kansas State University

Teaching Assistant

Manhattan, KS

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

Dietary Aide

McPherson, KS

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 NodeJS, 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/JvkNI>

Data Science & Web Scraper

- Created a web scraper using Python's BeautifulSoup 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 user authenticating 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.