# Chintan Patel

Software Engineer

chintan1226.github.io

chintanpatel1226@gmail.com

620-480-0702

linkedin.com/chintan1226

## EDUCATION

**Kansas State University**                                                Manhattan, KS

B.S. in Computer Science with Minor in Mathematics                          Dec. 2021
  - GPA: 3.48
  - Relevant Coursework: Data & Programming Structures; Object-Oriented Design, Implementation, and Testing; Software Architecture/Design; Computer Architecture/Operation; Calculus I, II, and III; Matrix Theory

## LANGUAGES

**Preferred**   Java, C/C++, Python, C#
**Familiar**   HTML/CSS/JavaScript
**Frameworks**   .NET, 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.
  - 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.