

# Chintan Patel

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## EDUCATION

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Kansas State University

Expected Graduation: Dec. 2021

- **Bachelor's in Computer Science with Minor in Mathematics** **GPA: 3.48/4.00**
- 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

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**Preferred:** Java, C/C++, Python, C#

**Familiar:** HTML/CSS/JavaScript

**Frameworks:** .NET Framework, NodeJS, Express, MongoDB

## PROJECTS

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**League of Legends Player Database**

May 2020 - Aug. 2020

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.
- Incorporated an auto update feature to read Riot Game's API to correlate player information with game information.

**League of Legends Analytics**

Dec. 2019

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**

Nov. 2019

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.

## WORK EXPERIENCE

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**Kansas State University**

Aug. 2020 – Present

Teaching Assistant – Programming Fundamentals

- 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 exam

**The Cedars**

Jan. 2018 – Aug. 2018

Dietary Aide

- 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.

## EXTRACURRICULAR ACTIVITIES

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**Artificial Intelligence Club (ACM SIGAI)**

Aug. 2019 – May 2020

- 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.