

Chintan Patel

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EDUCATION

Kansas State University

Expected Graduation: Dec. 2021

- **Bachelor's in Computer Science with Minor in Mathematics** **GPA: 3.56/4.00**
- 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

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

Familiar: HTML/CSS/JavaScript

Frameworks: .NET Framework, NodeJS, Express, MongoDB

PROJECTS

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

Cerner

May 2021 – Present

Software Intern

- Developing Microservices and APIs.
- More to come!

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

EXTRACURRICULAR ACTIVITIES

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.