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
- Coursework: Data & Programming Structures; Object-Oriented Design, Implementation, and Testing; Software Arch/Design(Taking); Computer Arch/Operation(Taking)

Work Experience

Kansas State University CS Department   *Manhattan, Kansas*
TEACHING ASSISTANT (CIS 200 - PROGRAMMING FUNDAMENTALS)   *Aug. 2020 - Dec. 2020*

- Taught students principles of algorithm design and their application to procedural programming: state, control structures, methods.
- Lead study sessions to expand students knowledge on patterns of conditional and iterative control structure.

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 & Competitions

League of Legends Analytics   *https://git.io/JvkNl*
DATA SCIENCE AND WEB SCRAPING (PYTHON)

- 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 (C#, FIREBASE DATABASE)

- Developed an authenticating user application for students to state queries to teaching assistants and professors.
- Integrated Google's Firebase database API to store and manipulate required information for 100 users to establish a connection via IP sockets.
- Practiced the Agile model of software development and spearheaded all design and testing.

Vex Robotics
ROBOTC SCRIPT

- Programmed a robot to facilitate driver control using RobotC.
- Programmed an automated robot to accomplish various arbitrary tasks without human intervention.

Skills

Programming   Python (Expert) · Java (Proficient) · C# (Proficient) · HTML/CSS
Frameworks   .Net Framework · Django

Extracurricular

Artificial Intelligence Club (ACM-SIGAI)
CLUB MEMBER

- 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.