DARSH PATEL

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OBJECTIVE

Seeking an internship position that will enable me to explore career option in the IT sector. A self-motivated and hardworking student in Computer Science, I have completed advanced projects relevant to this internship position.

EDUCATION

Bachelor of Science in Computer Science and Applied Mathematics   [Fall 2020]
University at Albany, State University of New York

- Related course work: Intro to Computer Science, Discrete Structures, Data Structures, Principles of Programming Language, Programming at Hardware/Software Interface, Operating Systems, Computer Organizations

SKILLS

- **Scripting/Programming Languages:** C/C++, Java, Python, MIPS Assembly Language
- **Web Technologies:** HTML5, CSS3, Bootstrap, JavaScript, JQuery, React JS, JSP
- **Frameworks:** Spring MVC
- **Databases:** MySQL, Amazon RDS, MongoDB
- **Tools:** Git

PROJECTS

WePOST
- A web-based social application which allows users to post video and audio content using Spring MVC, JAVA, MySQL, Amazon RDS, AmazonS3, Amazon EC2 and Facebook API.
- Hosted the application on AWS using Amazon RDS and EC2 instances as its database.

HealthApp
- An all-inclusive social web application for monitoring and tracking fitness-related metrics such as distance coverage, calories consumption and heartbeat. Also allows users to connect with other users, enables them to share their activities, host competitions and receive virtual rewards.
- Developed using Spring MVC, JAVA, Amazon RDS, Amazon EC2 and MySQL.

Sentiment Analysis on Conversational Data
- A Python program to analyze large conversational data's social behavior by using different features and models of natural language created using NLP.
- NLTK libraries were used to tokenize and filter the data; ElementTree API and Python to structure the data and numerical analysis.

WeatherApp
- A React JS app that enables user to look up weather conditions by city name or zip code.

ACTIVITIES

Alpha Phi Omega – National Service Fraternity, Albany, NY   [06/17-Present]
- Alpha Phi Omega LEADS program leadership award.
- Family head within the fraternity which entailed organizing family events, utilizing treasury funds to produce events as well.
- Organized collaborative projects with nonprofit organizations (Jezreel International, Red Book Shelf).

EXPERIENCE

Student Employee   [06/16 - 03/18]
University at Albany, SUNY
- Maintained and updated food storeroom inventory reports on a regular basis and provided assistance to full-time staff as required; and trained new student workers on inventory and processes.