Faraj Siddique

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EDUCATION

Bachelor of Science in Computer Science, May 2024

Pennsylvania State University, College of Engineering, University Park, PA

Major: Computer Science

GPA: 3.3/4.0

Relevant coursework: Data Structures and Algorithms, Programming Language Fundamentals, Discrete Mathematics, Systems Programming

PROJECT WORK

Restaurant Landing Page (Javascript, HTML, CSS, React.js), Fall 2022
- Created a fully responsive restaurant landing page using **React.js.**
- Utilized modern UX/UI design, CSS Flex and Grid design properties and React functional components

Cryptocurrency Tracker Application (JavaScript, HTML, CSS, React.js), Summer 2022
- Created a website-based application using **React,js** for users to search for data regarding popular cryptocurrency
- Utilized an API to retrieve current cryptocurrency coin data including current market price, volume and market cap

Pet Adoption Website (Javascript, HTML, CSS, React.js), Summer 2022
- Created a mock website-based application using **React.js** for users to find desirable pets available for adoption
- Utilized an API to retrieve relevant pet information and direct users to pets in their local area

Data Management System (C Programming), Spring 2022

Class Project (CMPSC 311), Pennsylvania State University, University Park, PA
- Developed a storage system for reading and writing data blocks across multiple disks
- Implemented a write-through caching policy resulting in increased performance over extensive use
- Adapted code to support data exchange between server and client over a network

Course Scheduling Application (Java,SQL), Fall 2021

Class Project (CMPSC 221), Pennsylvania State University, University Park, PA
- Created an object-oriented based application for mock academic course scheduling/administration
- Developed a database storage and retrieval integration via **SQL** and **Apache Derby**
- Supports an interactive graphical user interface (GUI)

EXTRACURRICULAR COURSEWORK

Software Engineering Virtual Experience Participant, June 2022

JP Morgan Chase & Co.
- Interfaced with a stock price data feed to process stock data with **Python** to enable when trading for the stock should occur
- Utilized JPMorgan Chase frameworks and tools including **Perspective, React and TypeScript** to present and manipulate stock data feed through a web application
- Generated a live graph to display data feed in a clear and visually appealing way

WORK EXPERIENCE

Pharmacy Technician, June 2019 – August 2022

Willen Pharmacy, Bronx, NY
- Assisted Pharmacist in filing 100+ prescriptions each day by locating and dispensing orders precisely and efficiently
- Closely monitored medicine, retail inventory levels and outdated products
- Answered high volume of phone calls from customers and physicians
- Increased number of processed prescriptions by 30% yearly

VOLUNTEER SERVICE

COVID-19 Testing Center Volunteer, Winter 2021

Amiable Pharmacy, Brooklyn, NY

Willen Pharmacy, Bronx, NY
- Assisted health-care workers with administering COVID-19 PCR and rapid tests
- Communicated clearly and effectively with patients to verify information and explain procedures
- Maintained a database which contained patient results and information

COMPUTER SKILLS

Familiar with Python, JavaScript (ES5 and ES6), HTML5, CSS, React, C Programming, Java, SQL, Verilog, Git, and npm