

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

PROJECT WORK

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)

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

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

Game Development (Javascript,HTML,CSS), Winter 2021

- Created a Simon Says Game using **JavaScript, HTML and CSS** utilizing event handlers and audible cues
- Created an interactive drum interface using **JavaScript, HTML and CSS**

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 – Present

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