PRASHANT SAH

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Aspiring and innovative software developer adept in all stages of software development. Experienced with multiple academic & self-done projects and organized with the ability to prioritize workload, manage multiple projects and meet projects deadline by following project standards and procedures as per specifications. A team player with proven abilities to adapt to unfamiliar environments, and quickly and accurately learn any computer technology.

Technical Skills

Languages & Frameworks   (Proficient) - Java, C++, JavaScript (jQuery, Ajax), MySQL, PHP, HTML, CSS, XML

(Familiar) - Python, Kotlin, Swift, ReactJS, NextJS, Node.js

Tools & Technology – Git, GitHub, XCode, Android Studio, Visio, Fedora/Red Hat, MyPhpAdmin

Education

Bachelor of Technology (BTech) - Computer System (Software development)
New York City College of Technology-CUNY, Brooklyn - NY (expected grad - June 2024)

Associate in Applied Science (AAS) - Programming and Software development
LaGuardia Community College-CUNY, Long Island City - NY (Sept 2020 - June 2022)
- Overall GPA – 3.97 (Summa cum laude)
- Member of Phi Theta Kappa Honors Society, Red Hawk Engineering group & ASAP

Professional Experience

Software Engineering Intern – Developer (HTML, CSS, JavaScript, SDLC)   Brooklyn, NY
Startup Ecology (Business Consulting and Services)   June 2022 – Aug 2022
- Designed (using Figma) a gaming project that makes people understand about company work and culture
- Assist the developer team in moving our project to production, ensuring that all test cases were passed and bugs have been fixed
- Improved overall productivity of the company using our web app in collaboration with the marketing team

Outliers Detection in Wireless Sensor Networks (WSN) – Researcher (Python, Machine Learning)   Queens, NY
CUNY Research Scholas Program (LaGCC)   Sept 2021 – Aug 2022
- Used the ensembles technique with other unsupervised methods to improve accuracy up to 93%
- Used the SUOD framework to build a Machine Learning model that enhanced the network lifetime

Projects

Alpha Airlines (HTML, CSS, JS, MySQL, PHP)
- A dynamic website on airline reservation system implementing CRUD operation with MySQL and PHP
- Created and populated tables based on the normalized (3NF) Entity-Relation Diagram (ERD)
- User can register, login and make reservation handled by data retrieval from database using sequential query

York Bank (Kotlin, Android Studio)
- An android banking application implementing recycler view & multiple activities, that transfer money from one user to another using their details like name and account number
- Users list are displayed using card view layout and data are exchanged between multiple activities using intent

N-Queen Visualizer (HTML, CSS, JavaScript, Data Structure)
- Implementation of popular back tracking algorithm using JavaScript to place several queens on a chess board
- We can visualize all the position that our algorithm tried before placing the queen to the right position
- It generates all the possible arrangement of placing the queen and displays each of them on separate board

Interests

Machine Learning, AI, Data Structure & Algorithm, Stock, Crypto, NFT