Farhan Qureshi

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**EDUCATION:**

**Purdue School of School of Science, IUPUI Graduation:** May 2020

Bachelors in Computer Science

***Related Courses:***

|  |  |
| --- | --- |
| * Computer Architecture | * Data Structure and Algorithms |
| * Principles of Computer Networking | * Internet of Things |

**SKILLS:**

|  |  |  |
| --- | --- | --- |
| * C/C++ | * Pandas | * Linux OS |
| * Python | * TensorFlow | * Urdu/Hindi |
| * Scikit Learn * C# | * Django Web Dev Framework * Java | * Arabic * Xamarin |

**PROJECTS:**

**Lockerbie Systems – Options Trading Platform**

* Aggregated historical financial information from 3000 publicly traded companies.
* Trained a Neural Network as a binary classifier to forecast profitability over specified time intervals.

**Reading App – 1st place Intel Hackathon Houston ,TX 2019**

* App meant to help new readers by correcting them as they read in real time.
* Utilized Googles’ NLP library by making API calls to the Cloud based Microservice.

**Code Blue\_ - John Hopkins’ MedHacks Baltimore, MD 2020**

* Uses Neural Network to classify ECG data from wearable biometric censors (Apple or android watch).
* Front end written Xamarin, backend written in Python/Flask, and ML with Python/TensorFlow

**G\_Give – Google Hackathon Detroit, MI 2019**

* Peer to Peer resource distribution system that connecting donators directly to people in need.
* Django and FireBase on the backend and HTML, CSS, and Javascript on the Front end.

**WORK EXPERIENCE:**

**IBM July 2020**

**Software Developer Full time**

* Designing and architecting enterprise solutions to complex cloud integration and integrating enterprise-grade VMware cloud environments.

**Vertellus August 2018 – May 2019**

**Software Developer Intern / Co – op**

* Developed the internal web application ticketing system for employees to submit their technical issue.
* Help support company made legacy applications used by the chemist in the other departments.

**Code Rev Summer 2018**

* Instructed principle of object-oriented programming in 3D game development course.

**LEADERSHIP EXPERIENCE:**

**National Society of Black Engineers (NSBE) at Purdue - Indianapolis Fall 2017 – Present**

Member (2017-2018)

Treasurer / Senator (2019-2020)

* Led group meetings, coordinated chapter events and acted as a chapter liaison for corporate sponsors
* Communicated regularly with regional chapter of NSBE through email and conference calls
* Coordinated logistics for the annual NSBE conferences for the IUPUI NSBE Chapter
* Researched Funding opportunities and requested grant Funding for all NSBE related events and activities.

**Philosophy and Interfaith Club Fall 2019**

Treasurer

* Used student network, resources, and grants to help fund events and activities.