Zara Afridi

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EDUCATION

YORK UNIVERSITY   April 2021
B.Sc. (Hons.) in Computer Science
Coursework: Data Structures, Software Design, Algorithms, Operating Systems, Databases, Machine Learning

SKILLS

- Programming Languages   Python, Java, C/C++, SQL, JavaScript
- Frameworks   Git, Spring Boot, Django, Jupyter, GCP, Docker, React, Salesforce Platform

EXPERIENCE

PUBLICIS SAPIENT   June 2021 - Present
Junior Associate Software Development Engineer
- Designed and developed a UI component for a client using the **Lightning Web Components** framework and streamlined the existing data model resulting in a 5% reduction in page load time as well as 3% reduction in bounce rate
- Led an effort to identify and eliminate accessibility bugs in client site in order to increase WCAG rating
- Created various **Apex** test classes in order to achieve code coverage necessary to deploy code to production environment

PUBLICIS SAPIENT   June 2020 - Aug 2020
Software Development Engineer Intern
- Developed a scalable, low latency notification microservice for a client, capable of handling millions of messages per second, and built using **Spring Boot**, **Google Cloud Pub/Sub**, **Twilio**, and deployed with **Docker** on **Google Kubernetes Engine**.
- Performed Unit, Integration, and Load testing with **JUnit**, **Mockito**, and **Google Cloud Monitoring**.

AXIOM REAL-TIME METRICS   May 2019 - Aug 2019
Product Management Intern
- Performed software tests on Quality Assurance environment to verify that all code updates functioned accurately
- Communicated with Software Development, Project Management, and Quality Assurance teams in order to maintain precise documentation

PROJECTS

NUHEALTH: PUBLICIS SAPIENT HACKATHON FINALIST
- Developed an interconnected health care platform that streamlines medical documentation and empowers paramedics to deliver appropriate care with access to up-to-date patient information.
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POKÉMON CHATBOT
- Built a machine learning chatbot that allows users to perform complex queries on various Pokémon characteristics as well as executing backwards search to compute the identity of a Pokémon from its features
- Powered by **Google Cloud Dialogflow** and built using **Django**, in conjunction with communicating with the **PokéAPI**.

CHROME EXTENSION: EARTHIFY (ELLEHACKS 2020)
- Developed a chrome extension that aids users in keeping track of their carbon footprint based on choices they make online.
- Designed a responsive front-end interface using **Bootstrap** with **JQuery** and used **Google Cloud Firestore** to manage user data.

CERTIFICATIONS

- Salesforce Platform Developer 1   Aug 2021