Rasha Nasri

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Professional Experience

Software Engineer @Google Aug 2020 - Apr 2023

- Expanded a large scale system's infrastructure, by replicating the main database into multiple different regions, leading to the minimization of latency for international users.
- Implemented features and enhancements using *C++ (STL, gRPC, Protobufs)*, improving overall system performance and availability.
- Effectively handled incoming support tickets during on-duty and on-call rotations.
- Collaborated with cross-functional teams to ensure efficient problem resolution and customer needs satisfaction.
- Communicated technical information in a clear and understandable manner to colleagues, and leadership within an **agile** environment.
- Utilized Linux commands to access the capabilities of remote virtual machines, required to do the job.

Software Developer Intern @Google May 2019 - Aug 2019

- Implemented layout shift visualization feature in DevTools, which is now available for all web developers within the google Chrome browser.
- Developed a new page loading metric in *Javascript*, designed to approximate how quickly the contents of a web page are visibly populated.

Engineering Practicum Intern @Google May 2018 - Aug 2018

- Created a new *C++* RPC server, by extracting logic from an existing server, therefore supporting the transition from the outdated monolithic architecture into a modern, microservices based, client-server model architecture.
- Developed a new insight that finds and displays information to on-calls about cross-region metric correlations using **C++**.

Software Development Engineer Co-op @ A thinking ape May 2017 - Aug 2017

- Implemented features for two social mobile games on both iOS and Android platforms using *Java, XML*, and *Obj-C*.
- Upgraded backend models using *Python, Django* and *SQL*.

Education

Wilfrid Laurier University
BSc. Computer Science and Mathematics
Scholarships: ISOW-Jusoor scholarship, Wen-hsuan Wang scholarship, Dean's list scholarship
GPA: *3.7* [with **distinction**]

Leadership Experience

VP Academics @ PHI society [Wilfrid Laurier University] Sep 2017 - Apr 2018

- Effectively managed academic initiatives, demonstrating strong organizational and leadership skills.
- Led tutorials covering diverse problem-solving approaches within computer science, consequently promoting knowledge sharing and skill development

Skills, and Languages

Technical skills: C++, Linux, Python, Django, SQL, STL, gRPC, Protobuf, XML, JSON, Java, javascript.
Languages spoken: English, French, Arabic.