Dung Quoc Ha

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Summary: **A self-motivated, result oriented and open-minded 2+ years of experience in the IT field with advanced English proficiency, excellent communication, interpersonal, presentation, analytical and problem solving skills, experienced in Software Development Life Cycle, Agile Scrum and Kanban, SQL, Jira, Java, Android mobile development and data analytic tool Excel.**

Education: **Fontbonne University, Clayton, MO** *Spring 2021*
Bachelor of Science in Computer Science (ABET accredited)
- Cumulative GPA: 3.745

Experience: **MB Bank, Hanoi, Vietnam** *2021- 2023*
Software Engineer:
- Present and deliver technical research solutions from the development team to the bank executives.
- Researched new mobile platforms and ecosystems with the Super applications - mini applications architecture.
- Leading and presenting the ecosystem project to become the most efficient technical solution of MBBank in the first half of 2022
- Researched customer experience in order to improve end-user experience from the development process.
- Translate important documents and contracts from English to Vietnamese.
- Analyzed and reported performance and security weaknesses of the system.

Fontbonne University IT department, Clayton, MO *2019- 2020*
Information Technology Intern:
- Maintained the SCCM server to manage the school computer software.
- Built a password reset User Interface.
- Fixed projectors or any other school hardware when problems occur.

Viettel Business Solutions, Hanoi, Vietnam *2019*
AI Engineer Intern:
- Monitored the return data from the faces of the AI model. Analyze the logs to report failure and send them to the research team to find solutions to fix or improve the model.
- Assisted on managing AI development portfolio, finding weaknesses or abnormal events of the AI platform.
- Assisted on reporting fraud from the AI system, based on the logs of each face data. Developed use cases for fraud to improve the security of the model.
- Involved in researching and developing A project using Python language and OpenCV library.
- Crawled and used more than one million data to train and increase the performance and accuracy of the model.
- Developed and deployed testing platform for the AI model.

Technical Skills:
- Editor, presentation tool: Microsoft Office, Google Drive.
- Database: Firebase, SQL and NoSQL

- Programing language: Java
- Project management tool: Jira
- Operating system: Linux, Mac OS, Microsoft Windows, Android, IOS.

Project:

- **Super Application - Mini Application mobile development ecosystem:**
  Researched, built and deployed the new mobile ecosystem SDK. Create system architect and bridge between Native application and cross platform. Renovated the bank mobile application hierarchy to smaller applications for certain services to increase the security and simplify the management process. Created the architect of applications store in the host application to store mini applications that contain required services of the bank. Developed a platform that any customer can develop their own applications and push it into the host app store.
  Platform: Flutter, Android, JavaScript Web.

- **Containerized Deployment and Cloud Migration Research:**
  Researched history of deployment process, container technology such as Docker and containerized deployment platforms such as Kubernetes and Red Hat OpenShift. Analyzed use cases of the cloud migration and digital transformation process of professional business(Capital One Bank, Royal Bank of Canada, Adidas) technology architecture. Understood the strategies,cost reduction, performance and capacity benefits of cloud migration for enterprises.

- **Covid-19 Process Vaccine Tracker:**
  Built an application using the google map API to help users to contribute and find the location to track the vaccine location. Display heatmap to help users see where it is safe(high percentage vaccinated location).
  Language: Java.
  Database: Firebase.

Language:
- English: Fluent
- Vietnamese: Native
- Arabic: Beginner

Honors and Activities:
- Dean's list Fall 2017, Fall 2018, Spring 2019
- Fontbonne Math and Computer Science club, Treasure.
- 3rd place CCSC programming contest Central Plain conference.
- Fontbonne Global Hack VII team member
- Fontbonne E-Sport varsity member
- Travel and experience more than 20 countries and cultures in the world, from Asia and Oceania to Europe and North America.

References: *Robert Hudson, Information and Technology Vice President, American Plastic, (314)-889-1488, RobertHudson@amplastics.com .*
Dr. Mary Abkemeier, Chair & Professor, Department of Mathematics and Computer Science Fontbonne University, (314)-889-1497, MAbkemeier@fontbonne.edu .