

NUR MUHAMMAD

Big Data/Software Developer

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SKILLS

Big Data Development

Microservice Architecture

iOS Development

Agile

TECH STACK

Java

Spring Boot | Log4j | JDBC

Hadoop

HDFS | YARN | MapReduce

Hbase | Hive

Spark + Kafka

Python

Pandas | Numpy | Flask

Swift

XCode (iOS dev)

C#

VisualStudio | Unity

SQL

MSSQL | MySQL

Tools

Maven

Jenkins | Heroku

GitLab | GitHub

Photoshop

PERSONAL SUMMARY

Software/Big Data developer with > 1 year of experience that encompasses multiple languages such as Java, Python and Swift, along with the Hadoop ecosystem, Spark and Kafka. Graduated top of the Cohort in Computing for University of London in 2019. Passionate about working with data and creating creative technical solutions.

EXPERIENCE

Big Data Developer

Credit Agricole CIB / March 2020 – present

- Ingested batch and streaming data in normalized format for data lake storage.
- Worked closely with business analysts to understand and deliver new features and tables for storage of data based on specified data models.
- Conducted rigorous unit and integration testing with 90% code coverage.
- Completed data ingestion testing via deployment pipeline with tools such as Jenkins and other proprietary software.
- Drove development of a data retrieval microservice API for downstream team.
- Seamlessly worked in a team of 10 developers to collaboratively maintain and update codebase via GitLab repository control.

iOS Developer (Intern)

Healthzilla / May – Sept 2019

- Carried out User Interface (UI) and unit testing of fitness application, with 80% code coverage.
- Used Facebook API to create and utilize test users for testing.
- Worked with software engineers to develop some UI screens and basic functions, such as settings page and information display toggling.

Teaching Assistant (Volunteer)

Code In The Community / Jan – March 2019

- Assisted young children in learning Python over 10 sessions.
- Motivated and encouraged them to be creative.
- Assisted them in delivering their mini coding project.

EDUCATION

Bachelor of Science in Creative Computing

University of London / Sept 2016 - Aug 2019

- Top student in 2019 Computing graduating cohort
- Graduated with First Class Honours
- *Modules: Graphical Object-oriented and Internet Programming in Java, Database Systems, Artificial Intelligence, Sound And Music (Refer to transcript for full list)*

Singapore-Cambridge GCE 'A' Levels

Tampines Junior College / Jan 2010 – Nov 2012

AWARDS

IMDA Gold Medal Award

- Outstanding performance in University of London Programme at SIM

University of London Award for Best Overall Performance 2019

- Also won Academic Awards for 2017 and 2018 for great academic performance

Unilever Future Leader's League Hackathon Singapore Grand Finals 2019 Finalist

- Was 1 of top 19 teams out of more than 65 teams overall
- Developed and pitched a waste exchange scheme to improve sustainability efforts of Unilever.