# DEVANSH SHARMA

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## EXPERIENCE

### Software Engineering Intern @ Simulpass                        *May 2020 - Aug 2020*

- Created the Events functionality in Kotlin by implementing the **MVVM architecture** using patterns such as dependency injection, service locator method and factory method.
- Utilized **Test-Driven Development** using Unit tests, Integration tests, E2E tests with Espresso and Junit to maintain a code coverage above **82%**.
- Deployed asynchronous, non-blocking database functions using concurrency implemented by applying Kotlin Coroutines to achieve ~**11%** CPU usage.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, Java, C#, C++, Kotlin, Bash, Haskell, HTML, CSS

**Tools:** Git, Github, Postman, SQL, Express, NodeJS, REST APIs, JSON, React, Unity Engine, Django, Agile, Bootstrap, Android/Mobile, Web Development, Linux, Amazon Web Services (AWS), Google Play Services, Test-Driven Development (TDD), Object-Oriented Programming (OOP)

## PROGRAMS

### Summer Scholar 2020 @ Hewlett-Packard (HP)                        *May 2020 - Aug 2020*

- Learned about technology in core business areas like gaming, 3D, software and data analytics while learning about real business challenges and global megatrends in the economy.

### Virtual Software Engineering Internship Experience @ JPMorgan Chase        *December 2019*

- Developed a chart to the trader's dashboard and interfaced with relevant financial data to better identify under/over-valued stocks using **Python**, Typescript and Perspective.

## EDUCATION

### Computer Science (Co-op) - McMaster University                        *Sept 2019 - April 2023*

- Awarded the McMaster Honour Undergraduate **Scholarship** based on strong academic performance.
- Relevant Courses: Data Structures & Algorithms, Software Development, Computer Architecture.

## PROJECTS

### Ball Flip! - Android Game                                *Available on Play Store*

- Built with assets provided by the Unity Game Engine and applied Google Play Services API for better Android integration with the game.
- Achieved an active listing on the Google Play Store for **659+** days.

## ACTIVITIES

- **Passport To Google**      Orientation for Select Individual      Kitchener, Ontario, Canada
- **Hack Harvard**            Hackathon (MLH 2019)              Boston, Massachusetts, U.S.A
- **Hack The North**          Hackathon(MLH 2019)        `      Waterloo, Ontario, Canada