Siddhant Khanna

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HIGHLIGHTS

- Ability to learn and adapt quickly, **implemented 6 different** software languages and architectures while simultaneously developed functionality for the STEPS application without limiting output
- Strong communication skills as consistently involved in different aspects of projects including roles of project management and leadership such as assigning tasks and leading group discussions
- Always trying to improve and continuously learn from my failures
- Experienced in Object Oriented Programming, Test-Driven Software Development and Database management

EDUCATION

BSc. in Computing Science (2014-2018), Completed:

University of Alberta, Edmonton, AB	September 2015 – December 2018
York University, Toronto, ON	September 2014 – April 2015

TECHNICAL SKILLS

Languages: Python, Java, C / C++, JavaScript, HTML, CSS
Database: SQL, sqlite3, MySQL
Framework: React, Django, Bootstrap
Testing: Selenium, Sinon, JUnit
Architecture: Redux / Reflux, REST API
Software: Github Version Control, Android Studio / Eclipse, MS Office
Operating Systems: Linux / Unix, Windows, Mac OS

RELEVENT EXPERIENCE

STEPS Application   September – December 2018
Software Developer

- Created web-based application in collaboration with 5 group members for clients
- Assessed client's requirements for the application and understood their needs
- Implemented **Django** Framework Architecture along with **REST API**. Used **HTML, CSS, React Js** and **flux** architecture for front-end
- Verified functionality of software by **Unit Testing** using Sinon and chai
- Created an Agile environment to work in and design user stories, story maps and wireframes
- Listened and adapted to clients changing needs throughout the project by being the main source of contact. Responsible for organizing meetings and leading group discussions

Database Management Projects   January – April 2018
Data Science

- Created algorithm to scrape through website and parse through its xml file to create a database
- Developed programs to retrieve data from database using **SQL** in **python** and **C** to perform calculations
- Implemented Triggers for Database

Android Application   September – December 2017
Software Developer

- Developed an Android Mobile application in collaboration with 4 other group members
- Implemented using **Java** and Android Studio. Created functionality for **Compressing images**
- Verified functionality of software by **JUnit and Intent testing**
- Organized meeting of group. Lead discussion on assigning and how to carry out tasks for the App

HOBBIES AND OTHER EXPERIENCES

- Music Production.
- Best-Buy Sales Specialist for summer of 2014, analyzed customers technological needs and advised them on products
- Volunteer Sanskriti School Pravah summer of 2013. Lived in a village in India and assisted villagers with their daily tasks.
- Soccer and Basketball

REFERENCES ON REQUEST