Siddhant Khanna

siddhant.khanna@gmail.com | 647-760-4086 | **Website:** sidkhanna96.github.io | Toronto, ON

CAREER PROFILE

University graduate with a Bachelor of Science in **Computer Science**. Experienced in Object Oriented Programming (OOP), Test-Driven Software Development (TDD), knowledgeable about algorithms and data structures and Database management. Passionate, self-motivated, self-starter who is always trying to improve and learn from my failures

Highlights:

- Ability to Learn and adapt quickly, **learned 6 different languages** and architectures while simultaneously develop functionality for STEPS application without limiting output.
- Developed strong **verbal and written communication** skills as took the role for leading group discussions, establish requirement and organizing meetings for STEPS and Android Application.

EDUCATION

Bachelor of Science, Computer Science (Completed):

University of Alberta	Sept 2015 – Dec 2018
York University	Sept 2014 – April 2015

TECHNICAL SKILLS

Languages: Python, Java, C / C++, JavaScript, HTML / HTML5, Sass / CSS / CSS3
Database: SQL, sqlite3, MySQL
Frameworks: React.JS / React, Django, Bootstrap
Testing: Selenium, Sinon, Junit
Architecture: Redux / Reflux, RESTful APIs, Node.JS / Node
Software: Github Version Control / Git, Android Studio / Eclipse, Microsoft Visual Studio, MS Office, Cybera - Rapid Access Cloud (Similar to Amazon AWS EC2)
Operating Systems: Linux / Unix, Windows, Mac OS

RELEVENT EXPERIENCE

Space and Culture Research Group/ STEPS Application   Sept 2018 – Dec 2018
Software Developer
Created scalable and responsive web-based application. Implemented **Django** Framework along with **REST API**. Integrated **MySQL** database. Used **HTML**, **CSS**, **JavaScript**, **Node**.**JS**, **React**.**JS** (UI / UX Design) and **flux** architecture. Verified functionality of software by Unit Testing using Sinon. Worked on front end and back end (Full Stack).

- Created agile environment to work in and worked in collaboration with team of 5 members and clients
- Established technical and non-technical requirements and specifications for the product
- Updated client's knowledge about progress of application and became main point of contact for the client to address their concerns
- Created documentation (user stories, story maps, wireframes)
- (Re)evaluated clients changing needs throughout the project in order to deliver a finished product / project delivery

Database Management Projects   Jan 2018 – April 2018
Data Scientist

Created algorithms to scrape through website and parse through xml file to create a relational database. Developed programs to retrieve data from database using **SQL** in **python** and **C** to perform calculations. Data management, through creating, updating and inputting values in database. Implemented Triggers for relational Databases

<u>**Android Application**</u>   Sept 2017 – Dec 2017
Software Engineer
Developed Android Mobile application and collaborate with team of 4 members. Implemented using **Java** and Android Studio. Created functionality for Compressing images. Verified functionality of software by JUnit and Intent testing and created Software Documentation (use cases, software architecture, design architecture)

- Lead group discussions for assessing and assigning tasks
- Established project requirements and specification for creation of product through interacting with client

HOBBIES AND OTHER EXPERIENCES

- Creative: Music Production and Drawing / Art; Team Sports: Soccer and Basketball
- Volunteer Sanskriti School Pravah summer of 2013. Lived in a village in India and assisted villagers with their daily tasks
- Best Buy Sales specialist summer of 2014, evaluated and addressed client's technical needs, advice products based of off their needs and complete financial transactions
- Personal Website created using Bootstrap frameworks, HTML/HTML5, CSS/CSS3 and JavaScript
- Hackerrank projects in spare time for improving and refining problem solving skills, programming skills and analytical skills