

Siddhant Khanna

Computer Scientist

PERSONAL INFORMATION

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PROFILE

Studying Computing Science at University of Alberta. I am interested in learning and gaining new experiences. Always trying to improve and continuously learn from my failures. I am hardworking, disciplined, introspective and a team player. Experienced in Object Oriented Programming (OOP) and test-driven development in Unix / Linux environment. Able to adapt in new working environments and love to socialize with people.

EDUCATION

BSc. In Computing Science:
University of Alberta – (2015-present)
York University – (014-2015)

RELEVANT COURSEWORK

- Software Engineering: CMPUT(174 / 175 / 201 / 301 / 401)
- Database Management: CMPUT (291 / 391)

HOBBIES

🎧 Music Production. DAW (Logic Pro X and Adobe Audition)

PROGRAMMING SKILLS

- Python
- JAVA
- C/C++
- SQL (sqlite3)
- HTML5 / CSS / Bootstrap Framework

OTHER EXPERIENCE:

- GitHub Version Control System
- Android Studio / Eclipse

SOME EXPERIENCE:

- Javascript

- MATLAB/Assembly
- CUDA C

CURRENTLY LEARNING/COURSEWORK:

- ReactJS, Redux/Reflux, Node.js
- Cloud Storage
- REST API
- MySQL
- Selenium, chai, CI/CD & Mock testing
- Django Framework
- Esri ArcGis

PROJECTS ([GitHub.com/Sidkhanna96](https://github.com/Sidkhanna96))

Steps Web-App (Collaboration with Group of 6)

September - present 2018

- Created Web Application for Real world Clients.
- Implementation: Back-End: Setup Django Framework and REST API
- Front-End: ReactJS, Flux Architecture, NodeJs, HTML, CSS and ArcGIS app.
- Testing: Implemented unit testing using Chai

Web Design (Personal Project): [GitHub](#)

July 2018

- Created Personal Website using HTML5, CSS3 and Bootstrap 4 Framework.
[Sidkhanna96.github.io/](https://sidkhanna96.github.io/)

Database Management Projects (Group of 2): [GitHub](#)

January – April 2018

- Parsing through xml file to create database. Implementing triggers.
- Using SQL in C and python to extract data from database and perform calculation. Extract information from website.

Software Engineering (Collaborated with Group of 5): [GitHub](#)

September – April 2018

- Developed an Android Mobile Application
- Used Android Studio and Java
- Implemented J-unit testing. Conversion of data into JSON
- MVC architecture and OOP design

ADDITIONAL EXPERIENCE:

Best-Buy: Sales Specialist

August-October 2014

- Analyzed and asses the needs and requirement of each customer and find the right product that fit their needs
- Consistently updated my knowledge of technology as products evolved

Reliance Future Group:

December 2013

- Asset Inventory Management

Aditya Birla Retail:

June 2013

- Asset Inventory Management

Sanskriti School Pravah Program:

May 2013

- Lived in a village and helped locals in farming and manufacturing handmade products.