

SAMMAR ABBAS

Software Developer

Email: mastersagh@hotmail.com

Current City: Toronto (Ready to Relocate)

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[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

[YouTube](#)

- **Computer science graduate** from Seneca College having strong grip in software engineering and programming principles across varied platforms.
- Experienced in developing high excellence **web applications** using **Python language and frameworks – Flask and Django, building and deploying APIs.**
- Expertise in **JavaScript, HTML, CSS, REACT, Angular, jQuery, ajax** to build responsive web applications.
- Expert in **Autonomous Robotics** using C language and **data analytics using Python** language along with popular libraries.
- Proficient in **object-oriented programming (Java, C++, C), SQL programming – PL SQL, System development lifecycle, understanding business requirement, data structure and algorithms, testing and debugging.**
- Analytical and strategic thinker adept in **problem-solving skills to master new technologies.**
- Excellent **interpersonal , effective collaborating and dynamic teamwork skills.**

EDUCATION

BACHELOR OF DATA SCIENCE AND ANALYTICS, UNIVERSITY OF KARACHI

SENECA COLLEGE, CANADA

MAY 2021 – PRESENT

ADVANCE DIPLOMA IN COMPUTER PROGRAMMING AND ANALYSIS,

SENECA COLLEGE, CANADA

GPA: 3.5, MAY 2018 – DEC 2020

MACHINE LEARNING A-Z: PYTHON IN DATA SCIENCE, UDEMY.COM

JAN 2021 – PRESENT

BACHELOR OF COMMERCE, UNIVERSITY OF KARACHI

FEB 2006 – MAY 2010

TECHNICAL EXPERIENCE

RESEARCH REST API – PYTHON DJANGO REST API

- API link to get data from Database.
- Method used Get, Post, Put, Delete.

Tools Used: Python – Django, Django Restful API, Sqlite3, Heroku, GitHub

URL

GitHub Code

BOOK RESEARCH CENTER – SERVER-SIDE WEB APP

- A server-based application that allows to CRUD – Create, Read, Update, Delete Data using API.
- Capable to search text using a Search engine, User authentication and validations are also included.

Tools Used: Python-Django, JavaScript, Sqlite3, API, Bootstrap, HTML, CSS, Heroku, GitHub,

Video Link

GitHub Code

MATH GAME – ANDROID APPLICATION

Three-level Android application designed using Java language: Enter User Info, Play Game, and Display Result.

Tools Used: *Java, Android Studio, GitHub*

GitHub Code

FUN NUM GAME

-Web based shoot the balloons game- solving problems, designed using java script.
-Moving element designed using functions and timers.

Tools Used: *JavaScript, html, CSS, Heroku.*

URL

GitHub Code

More projects highlighted in [Portfolio](#)

TECHNOLOGY SUMMARY/SKILLS

- **Skills:** Web Application Developer, Front-End & Back-End, Database Developer, Robotics Programmer, Acquiring Machine Learning Programming, Android Applications Developer.
- **Programming/Languages:** Python, JavaScript (HTML, CSS), C/C++, Linux, Java, PL/SQL, R, DevOps, jQuery, ajax
- **Database Management:** My SQL, SQLite 3, , No SQL MongoDB, PostgreSQL
- **System Analysis/Life cycle:** Agile Methodology, business requirement and documentation, scrum, UML, User Stories, Case diagram, Jira
- **Design and IDE Tools:** Oracle, Android Studio, Visual Studio Code, VIM, Visual Studio
- **Frameworks/Libraries:** Django, Flask, Azure ,Node.js, React, Bootstrap, Matplotlib, TensorFlow, Pandas, MATLAB, JSON, .NET MVC
- **APIs :** building API- Django Rest Framework(DRF), deploying APIs- different platforms.
- **Others:** Heroku, GitHub, Git, Vercel, MS Office

ACCOMPLISHMENTS AND CERTIFICATES

- **President's Honor List – Seneca College** – Outstanding Academic Achievement (Winter, 2019)
- **Azure DevOps – Udemy** – (March 22,2021)
- **Machine Learning with Python – by Cognitive Class** (Oct 3, 2020) (ML010Env3)
- **Text Analytics 101 – by IBM Developer** (Oct 3, 2020) (TA0105EN)
- **Data Visualization with Python – by Cognitive Class** (Sep 16, 2020) (DV0101EN)
- **R 101 – by Cognitive Class** (Sep 16, 2020) (RP0101EN)
- **SQL Access for Hadoop – by Big Data University** (Sep 16, 2020) (BD0145EN)
- **Spark Fundamentals – by Cognitive Class** (Sep 15, 2020) (BD0211EN)
- **Project Based Machine Learning Workshop with Python- Mysirg.com** (Feb 2020 – May 2020)
- **Microsoft Certified Solutions Associate (MCSA), Onwire technologies** (Feb 2014 – May 2014)

References can be provided on request.