SHAKIB SMALL

SOFTWARE DEVELOPER

CONTACT INFO

Home: 1-246-228-7863
Mobile: 1-246-823-9832

shakibsmall25@gmail.com

www.shakibsmall.com

Parade Road Bush Hall
St. Michael, Barbados

SUMMARY

Talented with a focus on web and mobile development. Projects I have worked on so far have challenged my thinking and enabled me to achieve higher levels of efficiency and adaptability in my work. I am eager to continue taking on varied projects that challenge my skills.

EDUCATION

University of the West Indies Cavehill
Computer Science (Double), Bsc
First Class Honours, 2012-2015

Harrison College
Associate Degree, General
CAPE: 6 Grade 2s, 4 Grade 1s, 2005-2012

INTERESTS

Technology •
Learning •
Coding •
Anime/Manga •
Video Games •
Photography •
Music •
Travel •
Cooking •

WORK EXPERIENCE & PROJECTS

Computer Science Intern

CIMH | January 2017 - April 2021

- WebAlert - Cap Alert Manager Site | 2021 (Jan – March)
  - Front end web development of a national Common Alerting Protocol (CAP) manager.
- Climate Impacts Dataset Development | 2020 (Jan – April)
  - Wrote a Python script to check for duplicates in CID excel dataset.
  - Created macros to flag various fields that might potentially need disaggregation.
  - Georeferenced impacts.
- WePlantin' Website Assistance (CIMH & Barbados Government) | 2020 (Jan – Feb)
  - Made a proposal web page for the government and their "We Plantin' More Than A Million Trees" Initiative.
  - Users would be able to upload pictures of the trees they took as a means to track how many trees were planted.
- Pest & Disease Risk Index Python Scripts | 2019 (Sept – Dec)
  - Wrote Python scripts to produce the risk index level for Black Sigatoka disease in banana crops, and the WhiteFly models.
- *Crowdsourcing Android App | 2019-2020*
  - Used Android Studio to develop an app to mass crowdsource weather data from mobile devices in the caribbean.
  - Android device sensors measure, record and transmit parameters such as barometric pressure and battery temperature and then are correlated to atmospheric temperature at the recorded location.
  - The crowdsourcing project was presented at a National Council for Science and Technology conference in 2019
  - Successfully deployed to Google Play store.
- Android & iOS General Mobile App | 2018-2021
  - Used Apache Cordova to develop simultaneously for Android and iOS using HTM, CSS, JavaScript & PHP.
  - Implemented key features: CMO Map, Weather Reports, Trending, Calendar, Abscences, Opportunities
  - Successfully deployed to both Google Play and Apple stores.
  - Gave presentations about the CIMH App to staff members.
- Filebound Administrator | 2017-2021
  - Learnt the ins and outs of FileBound when CIMH was in the process of going paperless.
  - Designed and edited workflows, projects, and forms inside FileBound.
  - Assisted any staff members with how to do various tasks in FileBound.
- Climatology Database Application | 2017-2018
  - Used Scriptcase's GUI to create applications that deliver climatology reports.
  - Used PHP to add desired functionality to the applications.
  - Created and edited tables using mySQL on a large Climatology Database.

Intern

Systems Consulting Limited | June - August 2015

- Created a data gathering template to construct a data dictionary of SCL's New Micropay database.
- Entity–relationship diagram for their New Micropay database.
- Made a presentation of the data dictionary document and its ER diagram to management.

Student IT Technician

Campus IT Services at University of the West Indies Cave Hill | 2014 - 2015

- Managing and setting up projectors, speakers, microphones, wireless systems and cameras
- Organizing and data entry for presentations using Microsoft Office suite
- Providing assistance and troubleshooting for Apple and Microsoft software devices

LANGUAGES & SKILLS

- HTML/HTML5 ●●●●●○
- CSS/CSS3 ●●●●●○
- JavaScript ●●●●●○
- PHP ●●●●●○
- Java ●●●●●○
- XML ●●●●●○
- SQL ●●●●○○
- Python ●●●●○○
- C & C++ ●●●●○○
- TypeScript ●●●●○○
- Visual Basic ●●●○○○
- MongoDB ●●●○○○
- Japanese ●●○○○○

- Apache Cordova ●●●●●○
- Android Dev ●●●●●○
- JSON ●●●●●○
- jQuery ●●●●●○
- Git ●●●●○○
- Angular ●●●●○○
- Modern OpenGL (C++) ●●●●○○
- iOS Dev ●●●○○○
- Bootstrap ●○○○○○
- Amazon Web Services ●○○○○○