Arsala Bangash

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EDUCATION

H.B.Sc in Computer Science
University of Toronto
Expected May 2019 | Toronto, Canada
Computer Science Specialist
Statistics Major
Dean's List (All Semesters)

LINKS

Github:// ArsalaBangash
LinkedIn:// in/ArsalaBangash
Twitter:// @StudioACH

COURSEWORK

UNDERGRADUATE (COMPLETE)
Intro to Software Design
Intro to Computational Theory
Intro to Computer Science
Multivariate Calculus
Probability and Statistics
Inferential Statistics
Surveying and Sampling Techniques
Linear Algebra

UNDERGRADUATE (CURRENT)
Software Tools and Systems Programming
Computer Organization
Data Structures and Analysis
Introduction to Databases

UDACITY
Android Developer
Introduction to Inferential Statistics

SELF INITIATED STUDY
Android Development
Javascript and Bootstrap

SKILLS

PROGRAMMING
Most familiar With:
Java • Python • Android
Moderately Familiar With:
Javascript • CSS • Git

IDES
Android Studio • IntelliJ IDEA • WebStorm • Eclipse • PyCharm • Atom

PLATFORMS / FRAMEWORKS
Android • LibGDX • BootStrap • AngularJS • JQuery

EXPERIENCE

UNIVERSITY OF TORONTO | Computing Support Representative
September 2016 - Current | Toronto, Canada
- Coordinated service delivery by entering reported service requests, problems and solutions into the UTM ticketing system. .
- Checked for proper operation of equipment in electronic classrooms and meeting rooms .
- Performed first level classroom support including maintenance, delivery, setup and operation of technical equipment in classrooms and for events.

COMSATS ISP | Website Development Intern
May 2013 – Aug 2013 | Islamabad, Pakistan
- Aided in designing the COMSATS website .
- Learned basic HTML and CSS programming from the web design team.
- Delivered a presentation to the CEO of COMSATS at the end of the internship

PROJECTS

COSMIC MANEUVER | Mobile Android Game
May 2016 – September 2016
Developed a mobile game with a fellow student for the Android platform using Android Studio and the LibGDX framework. An accelerometer based space experience, Cosmic Maneuver has the player trying to stay alive by avoiding asteroids. The game contains Admob and Google Play Services functionality.

Google Play Store Listing:
play.google.com/store/apps/details?id=com.anyconfusionhere.spaceshipgame

GitHub Repo: https://github.com/ArsalaBangash/Cosmic-Maneuver

MATHEMATICS APP (TITLE TBD) | Mobile Application
September 2016 - Present
Working on a Mathematics based mobile application that has been a long term ambition of mine. This application is being developed natively for both the iOS and Android platforms, and the entire development progress is available on my website's blog section and the application's GitHub repo is available below.

GitHub Repo: https://github.com/ArsalaBangash/MentalMath

IMPACT OF CARD REPLACEMENT COSTS ON STUDENT FINANCES | Statictics Project
September 2016 - December 2016
Worked with a team of 8 students to analyse the impact of student card and bus pass repurchases on student finances. The entire project, including all reports and presentations, is available on my website. My responsibilities included leading the team along with a fellow student, developing the data collection web application using AngularJS and Bootstrap, and formally presenting our findings.

GitHub Repo: https://github.com/ArsalaBangash/STA304ProjectForm

NYC CRASH DATA VISUALIZATION | Java Program
January 2015 - February 2015
Used the Processing software sketchbook to create a program that would graphically visualize crash data from New York City. The program was done as a school assignment, and it involved key programming concepts such as Objects, Inheritance, Polymorphism, Searching Algorithms and Perlin Noise.

Github Repo: github.com/ArsalaBangash/NYC_Crash_Data_Visualization