

SARWAN SINGH

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EDUCATION

Cloud Computing

Sep 2017 – Dec 2018

Cambrian College, Toronto ON

Bachelor's of Computer Science

July 2012 - June 2016

Guru Nanak Dev University, Amritsar, Punjab, India

SUMMARY

- Experience of Software development using Python, Java, C/ C++ and C#
- Knowledge of XML, JSON, REST and experience with Agile Methodologies
- Ability to identify and define technical requirements for an AWS-based application
- Proficient with Relational databases like MySQL, Oracle, PostgreSQL and SQL Server
- Familiarity with Citrix, Virtual Machines, Remote connections, VPN and Team Viewer
- Knowledge of Active Directory, CRM and Microsoft products like exchange, SharePoint
- Comfortable with Windows, Linux, Android Operating Systems and familiar with TCP/IP
- Hands-on experience with Bash Scripting and version control systems like Git & Bitbucket
- Fluent in English, critical thinker, problem solving and comprehension documentation skills

TECHNICAL SKILLS

Frameworks

Django and Bootstrap

Programming Languages

Python, Java, C/C++ and C#

Web Technologies

JavaScript, HTML, CSS and JQuery

AWS Databases

RDS, DynamoDB, RedShift, ElastiCache, Aurora

AWS Services

EC2, S3, CloudFront, Lambda, Route53 and VPC

Databases

MySQL, MS SQL Server, SQLite and PostgreSQL

IDE's

PyCharm, Eclipse, Visual Studio, NetBeans and Android Studio

PROFESSIONAL WORK EXPERIENCE

CNC Machine Programmer (Intern)

Sept 2018 – Dec 2018

Dagiga Inc. - Ottawa ON

- Working experience with G-Code programming language for maintenance
- Accurately set up and running a variety of CNC & Conventional machines
- Monitor & correct process performance using Master Cam software
- Experience with CIMCO edit for maintaining and changing code

Achievements:

- G-Code, Mastercam, CIMCO Editor and machine programming
- Intellectual, Observational, Technical and Programming skills

Android Developer (Internship)**Jan 2016 – June 2016****Cetpa InfoTech Pvt Ltd - Noida, India**

- Designing and building application using Java and Android Studio
- Identify and fixing bugs using proper debugging techniques and tricks
- Helping team-members to ensure quality and responsiveness of product
- Using SQLite database for persistence and API's for the better performance
- Creating test cases for high performance, durability and robustness of application

Achievements:

- Java, SQLite and Android Studio
- Intellectual, Observational and Technical skills

PROJECTS**Mathematics Game****May 2019****GitHub – SarwanSandhu/MathsGame**

- Developed a mathematics game using HTML, CSS and JavaScript
- Game displays multiplication questions with 4 options with one correct answer
- Each correct answer is marked as one score and incorrect provides another chance
- Game plays for 60 seconds in one run and at the very end displays the total earned score

Multi - Functioned Android Application**Jan 2016 - Jun 2016****Graphic Interface Programming**

- Developed a sample restaurant application using Android Studio
- Designed Layout Widgets and GUI objects using Java and XML
- Programmed with a tabbed Action Bar navigation system
- Worked with Fragments, AsyncTask and buttons for the functionality

VOLUNTEER EXPERIENCE**National Cadet Corps (India)****April 2010 – March 2012****Senior Under Officer**

- Awarded as Best Cadet for Consecutive two years and achieved "C" certificate
- Trained new candidates about Army policies and NCC training
- Represented School on NCC Camps and several occasions
- Attended Social activities like Anti-Drug Rally, National Sports Day Competition

References available upon request