Kshitiz Miglani

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EDUCATION

N.S.I.T. DELHI
B.E. in Information Technology
Year 2018 | Delhi University
Cum. GPA: 7.93

HANRAJ MODEL SCHOOL
AISSCE (All India Senior School Certificate Examination)
Year 2014 | C.B.S.E.
Percentage: 83.0%

HANRAJ MODEL SCHOOL
AISSE (All India School Examination)
Year 2011 | C.B.S.E
Cum. GPA: 9.8

LINKS

Github:// **sleepycode**
LinkedIn:// **kshitizmiglani**
Quora:// **kshitiz-m**

COURSEWORK

Computer Programming
Advanced Data Structures & Algorithm
Algorithm Design & Analysis
Artificial Intelligence
Introduction to Machine Learning
Theory of Computation
Information Security and Management
Information Theory and Coding
Operating Systems
Computer Networks

SKILLS

PROGRAMMING
Over 5000 lines:
C++ • C

Over 1000 lines:
HTML • CSS • JavaScript • JSP
Java • Python • Android

Familiar:
MySQL• Assembly • Matlab

UTILITIES
Experienced
CodeBlocks • NetBeans • IntelliJ Idea
Eclipse • Matlab • Sublime
Familiar
Unity Game Engine • Visual Studio 2015

EXPERIENCE

SAMSUNG R&D CENTER | Software Engineer
Jul 2018 – currently | Noida, Uttar Pradesh
- Currently working over **Samsung mobile Android Framework** in Product Research and development. Solving issues and improvising existing code.
- Working on a project in creating a **Context Based Emoji Prediction Solution** using Machine Learning for company's Tech Fest, Technovate.

AXSLOGIC | Software Engineering intern
Jun 2017 – Jul 2017 | Palm Court, Gurgaon, Haryana
- Worked on banking analytic software implementing new features like browser address bar interface to show scope of data using JavaScript.
- Improved code for software on mobile devices making changes in UI & features for small screen displays. Debugging was done for major parts. followed by testing, documentation & merge with the software as an updated version.

BITS BRIDGE | Web Developer Intern
Jun 2015 – Jul 2015 | Faridabad, Haryana
- Worked on Product Review Website. Created interface for the portal.
- Front end: visual 3d structure implementations using HTML CSS and to provide logic with JavaScript. Back end: implement lossy image compression algorithm to create thumbnails of images uploaded by the users over the website.

PROJECTS

SEQUENCE CLASSIFICATION MODEL | team member
Aug 2017 - Nov 2017
Contributed in **mathematical function output predictor** with machine learning : Bidirectional LSTMs on **TensorFlow** which estimated output of function that took N inputs and produced one output without knowing real implementation of function.

ANDROID DEVELOPER | individual development projects
Feb 2018 – Mar 2018
Group Chat Room App: Basic Chat Room for users to chat in Real-time in group chat.
Calculator: Basic calculator application with basic arithmetic operations.
Music Player: Plays .mp3 files and controls over progress and audio output.
Clash of Clans Upgrade Time Evaluator: Calculates the amount of time required by the player to upgrade from current level to max level. Links over Github.

CONVERSATION MODEL INTEGRATED WITH ANDROID DEVICE TEXTING APPLICATION | Engineering major project
Jan 2018 – Apr 2018
Created a conversational model which is able to produce **intelligent response to human generated dialogue** over text on Python - Machine Learning. The model is **Integrated with Whatsapp** & has a **voice** . The model **assists in tasks** by providing information on various subjects like **time, date, weather, hotels & hospitals nearby, currency conversion, calculator, movie listing, stock price details, horoscope** , etc.

WEB AUTOMATION (PYTHON - SELENIUM) | individual project
Mar 2018 - May 2018
Auto Ad Viewer& Captcha Solver: Discovered vulnerabilities in a 'get paid for viewing advertisements' website. Created an automatic captcha solver.
Auto Connection Request Sender for LinkedIn: Made 1600+ connections using this.
Auto GMail Password Changer: Wrote script to change GMAIL password randomly 1000 times to clean gmail password history and reset it.