SAHIL PAHOOJA

SUMMARY

Results-driven **3rd year** Computer Science Student with experience in analysis, design, development, testing, and maintenance of various consumer-facing and back end applications. Proven excellent communication and collaboration skills in and out of the workplace

CONTACT

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SKILLS

TECHNICAL: C++, C, C#, Python, SQL, Linux Shell SciptingJavaScript, HTML, CSS, Scheme, SharePoint, Vim,Linux, SQL Server, Access , Azure Services, MS Office Suite

TOOLS: Github, BASH, Make, SAP, SAM, Salesforce, HPQC, Azure DevOps, Linux, Wordpress, Hotjars, Microsoft Azure ML Studio

SDLC EXPERIENCE:
Agile, Waterfall, V-Shaped, Spiral

PROJECTS

Tetris GameImplementation
Developed the classic game of Tetris using OOP, implementing various types of blocks with movements and rotations, levels with increasing difficulty and special actions and bonuses with a clean GUI. With MVC architecture and effective modularization along with the application of Fitt's Law and Gestalt's Principles to enhance the grpahics and have a lean, malleable design.

Attendance biometric
Developed and supplied an Attendance Tracking Software that uses Biometric Sensing API to maintain and regulate employee attendance with a two-factor remote login functionality, web version to ease access and monthly reports

ML Model to route tickets
Created a Machine Learning model using Naïve Bayes Classifier with and f1 score of 0.89 that automatically routes ServiceNow tickets to the corresponding department enabling service desk team save most of their time.

ML Model to predict loan default
Created a ML Model to predict if a loan application will be passed or defaulted using Random Forest Classifier with an accuracy of 96% which served as a POC of future involvement of AI in Loan approval process.

Website
Designed and maintained a former website of Focus Institute, Chandigarh using HTML/CSS and implemented admin login, query requests while implementing cross-device compatibility with tracking and SEO optimization.

Games
• Interactive Hangman Game
Developed using C to accept user input through designed user interface displaying the word and stickman with insights on valid and invalid inputs.
• Snake
Designed classic snake game using C++ with features like score records, random bonus points and increasing speed of snake and obstacles as score increases.

EMPLOYMENT

Home Trust Company   Toronto, ON
QA Analyst   May 2019 to Aug. 2019
• Understood the project requirements, translated requirements into test cases, built test scripts, tested and documented the results.
• Delivered technical testing when building automated tests scripts as well as delivering stress, volume, and performance testing.
•Improved organic search results by increasing the search engine results page by 30% by using various SEO tools like SEMRush, Hotjar, etc. while working with business and technology to create test data and error analysis for each new test cycle.

u Trade Solutions   Mohali, India.
Stock Trade Development Intern   July 2018 to Aug. 2018
• Involved in the development of historical charting module.
• Developed full suite multi-asset trading platform offering a web, mobile & desktop trading front end, along with comprehensive risk management OMS, Algos engine, and market gateways, for retail, prop and algo traders

Focus Institute   Chandigarh, India.
Assistant Tutor   Apr. 2018 to July 2018
• Mentored a core of 80 students, conducted doubt clearing sessions and assisted in the development of new course material.
• Led educational game and group activities to aid students in reaching cognitive and developmental milestones.
• Handled administrative work for 2 classes.
• Member of organizing team for Maths & Science competition of 500 students.

Minda iConnect   Gurgaon, India.
Product Testing and Development Intern   May 2017 to July 2017
• Assisted in the quality testing of telematics solution under development for an automobile OEM.
• Created performance test suites that run within performance testing environment, log and manage bugs to work closely with developer teams to identify issues and key areas for improvement and optimization.

Code Brew Labs   Chandigarh, India.
Software Developer   Apr. 2016 to July 2016
• Developed Android application for the Sales Inquiry Platform of a Commercial Vehicle Manufacturing company.
• Coordinated with marketing and business teams, CV OEM and customers to access requirements and feedback.