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NihanshuPurohit
Software Developer

Programming

OS Preference
GNU/Linux ★★★★★
Unix ★★★★☆
MacOS ★★★★☆
Windows ★★★★★

Personal Skills

Projects

| April - 2016 | **Airline Tools** | C++ |

A tool for airline companies that helps the customer to find the shortest and the cheapest path from one airport to another. Also, a tool to find the cheapest way for a passenger to visit every city the airline services.

| Oct - 2015 | **SAT Solver** | JAVA |

Program that determines if there exists an interpretation that satisfies a given Boolean formula. The SAT Problem is also known as Boolean Satisfiability Problem. SAT is one of the first problems that was proven to be NP-Complete.

| Nov - 2015 | **Flowchart Graphic Editor** | QT, C++, Android |

An application which can be used to create a flowchart diagram. Created an Android Application as well as a Windows,Mac and Linux Application.

| March-2015 | **Dynamic Text Generation** | JAVA |

A program that learns the style of a specified text and uses its learning to generate a sentence that contains the same words, style, and phrasing as the original work.

| Sept - 2015 | **FlightMate** | C#, HTML5, CSS, SQL |

An app where you can select a person sitting next to you in a flight, if you are travelling alone, so that you don't get bored. It calculates the percent match of your characteristics with all the other people travelling on that flight. App uses profession, age, interests and hobbies as the key factor to match.

Education

| 2014-Dec,17 | **B.S.Computer Science - GPA: 3.28** | Purdue University,West Lafayette,IN |

Courses taken: Introduction to the Analysis of Algorithms, Systems Programming, Software Engineering I, Object-Oriented Programming, Data Structures and Algorithms, Computer Architecture, Linear Algebra, Statistics.

Work Experience

| Aug'16-now | **Teaching Assistant** | Purdue University, West Lafayette, IN |

Serving as an undergraduate teaching Assistant for the course CS 25000 (Computer Architecture)

| Jun'16-now | **Krannert Computing Center** | Purdue University,West Lafayette,IN |

Student Developer
- Full Stack Web Development using MVC architectural pattern.
- Working on products that are used by Purdue University such as Appointment scheduling portals, Employee Portal, etc.
- Gaining Experience In:Team Work, C#, SQL, HTML5, CSS, JavaScript.

| Jan-May'16 | **IT at Purdue (ITaP)** | Purdue University,West Lafayette,IN |

Student Production Assistant, Video and Multimedia Production Department.