

Kartik Gupta

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EDUCATION

Bachelor of Science in Computer Science

May 2019

University of Texas at Arlington (UTA). GPA **3.81/4.0**

SKILLS

- Proficient: Java, C++, C, HTML5, JavaScript, CSS, MS Office Tools, Agile Methodology, Linux, Git
- Intermediate: Python, SQL, MATLAB, Java Database Connector (JDBC), Functional Java, ReactJS
- Beginner: C#, Android Development, Assembly Language

PROJECTS

Room Reservation System

February 2018 – May 2018

- Designed an object-oriented web application for reserving rooms
- Followed Agile Methodology in a team of four members

Bash Shell

October 2017

- Implemented basic functionality of a bash shell in C in Linux with fork, exec and process management

Airline Database Management System

April 2017

- Created a database system on CLI for an airline to schedule flights, hire staff, and customize trips
- Applied using SQL and Java Database Connector (JDBC) on a Linux based server

Chatting Application

February 2017 - May 2017

- Programmed a C++ multi-threaded GUI application which used ncurses and OpenSplice DDS in Linux
- Followed Incremental Software Development methodology in a team of five members

Store Management System

October 2016 - December 2016

- Built a C++ system in a Linux based system using Fast Light Toolkit (FLTK) for GUI
- Used Agile Methodology in a team of four members

RELEVANT COURSEWORK

- Object-Oriented Programming and Software Engineering
- Fundamentals of Software Engineering
- Operating Systems and Programming Languages
- Artificial Intelligence
- Algorithms and Data Structures
- Database and File Structures
- Linear Algebra
- Theoretical Computer Science
- Computer Networks

SUPPLEMENTAL WORK EXPERIENCE

University Tutorial and Supplemental Instruction (UTSI) at UT Arlington

Supplemental Instruction Leader

September 2017 – May 2018

- Lead group sessions and promote independent learning amongst students for Data Structures and Algorithms, Intermediate Programming courses