Forrest Red

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Local/Permanent Address:
   -4 Hostetter Spur, New Waverly, TX 77358

Overview:
I am a dedicated, hardworking individual who works well in a team-based environment or as a standalone individual. I am looking to learn and gain experience working in the software development industry.

Technical Skills:
Programming Languages:
   - Java, C, C++, C# (.NET), Ada, Python, Android Development

Relational Databases:
   - Experience working with SQL queries and designing databases in Microsoft SQL Server

Operating Systems:
   - Microsoft Windows, Linux

Education:
Sam Houston State University, Huntsville, TX 77340
   -Bachelor of Science: December 09, 2016
   -Major: Computer Science
   -Cumulative GPA: 3.78

Experience:
Sam Houston State University; Relevant Projects
   -Delivery Service Android Application (COSC 4319; Fall 2016)
      - Service for transporting large items for customers
      - Application setup similar to modern ride-share services
      - Featured a 2-tier backend with a SQLite database

- Lead coder; helped design, and coded 65% of application (Java and XML) in a semester long group project
- https://github.com/ForrestRed/Truck-It

-Music Frequency Manipulation Project (MATH 4370; Fall 2015)
- Adjusted amplitude of different ranges of frequencies in music
- Coded using SageMath, implemented through a Python-based programming language
- Discrete Fourier Transform and Inverse Fourier Transform mathematical operations used to manipulate .wav sound files
- Presented work to a classroom of peers

-Stock Portfolio Database Project (COSC 3318; Spring 2015)
- Simulated real-world stock portfolio
  - Enabled the buying and selling of stocks from the portfolio
  - Stocks stored in the user's portfolio could be managed or viewed
  - Updates to prices of stocks on the market would reflect in the user's stock portfolio
- Database populated with stock information from Yahoo Finance
- Back-end designed using Microsoft SQL Server
- Front-end designed using Java
- Featured a fully-functioning GUI
- Worked with three other classmates on the project

Work:
Office Depot (August 2013 - July 2015)
- Sales/customer service position
- Demonstrated knowledge of merchandise to customers
- Repaired customer computers
  - Removed Viruses
  - Installation of new hard drives, ram, and power supplies