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Education Summary

Institutions		
Institution Name	Focus	
Salem State University	Bachelor of Science - Computer Science	Expected Graduation 2014

Software Experience

Software	
Areas	
Java	Python
C/C++	PHP
SQL	NetBeans
HTML/CSS/Javascript	Visual Studio
Perl	

College Activities

Activities
Group or Organization Name
Salem State University Programming Club

Work Experience

Geek Squad (Best Buy), Danvers, MA	08-2008 - 11-2011
Senior Supervisor, Geek Squad	
Responsibilities: <ul style="list-style-type: none">- Maintained overall responsibilities of the department- Prevented and resolved any client issues- Trained new employees & developed existing ones to take on new roles- Managed department 100% to all budgets, turn-times, and satisfaction goals- Filled in for absence of technicians, or in other departments- Promoted from Technician to Supervisor after two years of employment	
Technician, Geek Squad	
Responsibilities: <ul style="list-style-type: none">- Assisted clients with repairs and upgrades- Dealt with virus removal, software issues, network troubleshooting, and hardware repairs- Prevented issues from escalating to my supervisors/managers, and if escalation was required I would always come with some sort of solution- Answered questions on products carried by Best Buy and services offered by Geek Squad	
Staples, Rutland, VT	03-2007 - 07-2008
Easy Tech "Technician"	
Responsibilities: <ul style="list-style-type: none">- Helped customers with upgrades and repairs consisting of memory upgrades, virus removals, and HDD replacement- Sold computers and services offered by Staples- Most service plan sales for 2008	

Project Portfolio

JoeBot

JoeBot was a semester project for an Artificial Intelligence course I had taken. The purpose of this software is to idle in the Salem State University Computer Science IRC channel that I created. The software can learn factoids and recall them when asked by users.

Details:

- JoeBot is currently in use in the Salem State University Computer Science IRC channel
- As of 5/6/13 JoeBot has learned 48 factoids
- Project consisted of:
 - Over 2000 lines of code
 - 52 classes and interfaces
 - 1 API

C Inventory System

A C Inventory System was used as the final assignment for my C course. The C Inventory system allows users to add, remove, and delete items from an inventory. The system keeps track of inventory in memory, and after every write command commits changes to disk for backup.

Details:

- Project consisted of:
 - Over 350 lines of code
 - Several primary methods
 - Several helper methods
 - Two structs

My Website

For a scripting class, I was tasked to create a website for an assignment but wasn't required to publish it. For my own learning purposes, I decided to host it myself on my own personal server to learn more about IIS and Windows Server.

Details:

- Currently hosted on Windows Home Server 2011
- Uses HTML/CSS/JavaScript
- All coded manually, no website design software used
- 395salem.homeserver.com

Perl/Python Final Assignments

The final assignment for my scripting class was compromised of multiple problems that required knowledge of the languages taught in class. Instead of handing each assignment in as a zipped file of the code, I designed an index page for each assignment to browse through the individual questions that is hosted and viewable on my website.

Details:

- CGI used to demonstrated Perl/Python programming abilities
- Demonstrated use of string parsing, mathematical calculations, randomized responses to questions, and invoicing
- Accessible from my webpage
 - Perl - 395salem.homeserver.com/assignment07
 - Python - 395salem.homeserver.com/assignment08