Benson Chu

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Detail-oriented and passionate IT student with a strong background in both software development and systems/network setup and diagnosing. Quite fluent and knowledgeable in a few software platforms, and a versatile learner in unfamiliar environments.

Objective

A position that will allow me to positively contribute to an organization, gain more experience as a programmer and test my ability to adapt.

Education

Bachelor of Science in Computer Science
University of Houston – Houston, Texas, July 2019

Technical Skills

Languages: Java, C#, C++, Clojure
Web Development: ASP.NET 1.0 Core, MVC
Operating Systems: Windows (Vista – 8), Fedora Linux
CS Tools: Emacs, Git, Visual Studio
CCNA Routing and Switching Certified

Experience

Web Developer 2015 - present
Center for Academic Support and Assessment
University of Houston, Houston Texas

- Served as team lead for all ported applications to ASP.NET Core
- Developed a website for online assessments held at University of Houston – Northwest
- Provided general tech support for the testing center at UH
- Gave various talks and a workshop on ASP.NET Core 1.0

Projects

Github Page: https://www.github.com/CoderTillDeath

- pAIng
  - An attempt to use a neural network with a genetic algorithm to learn how to play Pong
  - As the neural network I had originally implemented was difficult to debug, it is currently going through a re-write
  - The neural network first plays against an opponent, and then plays against itself, learning how to play during this process
- Matrix Solver
  - A program used to solve matrices, mainly for my linear algebra homework
- Multithreaded Prime Calculator
  - This program calculates prime numbers on separate Java threads over a certain range
  - Process:
    - The range is divided amongst the separate threads
    - Each thread calculates the primes in their range, and outputs their primes to their own text file
    - Finally, the main thread goes through all the files, and outputs one file with all the primes