Aaron Habana

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Objective

Seeking an internship or research opportunity that will allow me to utilize software engineering skills and abilities gained through relevant education

Experience

Computer Repair Technician Feb 2015 – Mar 2017

- Hands on experience in diagnosing and troubleshooting computer problems
- Highly Skilled in installing and configuring software and hardware
- Adept at analyzing failed equipment and providing solutions instantly
- Exposed to database management using FileMaker Pro (Auction Tracking System)

Education

California State University of Northridge August 2015 – June 2019

Bachelor of Science in Computer Science, June 2019

Fall 2016 Coursework:

Internet Technology: Architecture of the Internet; Internet protocols including http, ftp, telnet; browser technologies; current developments in Internet technologies and usage characteristics; Hypertext; self descriptive text; webpage design; web site design; ADA compliance, commercialization of the Internet; role of the Internet in IT. Lab: three hours per week.

Introduction to Algorithms: Introduction to algorithms, their representation, design, structuring, analysis and optimization. Implementation of algorithms as structured programs in Java. Inheritance, Polymorphism, Abstract classes/interfaces, threads, multi-dimensional array, Designed and implemented command line app called Facebook Lite.

Spring 2017 Coursework:

Data Structures and Program Design: Introduction to data structures and the algorithms that use them. Abstract data type in program design; Definition, implementation, and application of data-structures such as stacks, queues, linked lists, trees (BST, red/black). Recursion. Use of time complexity expressions in evaluating algorithms. Comparative study of sorting and searching algorithms

Computer Architecture: An introduction to computer architecture, assembly language programming, system software and computer applications. Number systems and data representation. Internal organization of a computer. Primitive instructions and operations. Assembly language. An integrated lecture/lab environment is provided for this course.

Fall 2017 Coursework: (Upcoming):

Advanced Data Structures; Discrete Structures; Computer Organization

Activities

CSUN ACM Club – Association for Computing Machinery

Part of Software SIG (Special Interest Group)