Cameron Kluza

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Education

University of Massachusetts Amherst   *Anticipated May 2020*
Bachelor of Science in Computer Systems Engineering   *GPA: 3.6*
Dean's List

Relevant Coursework

Circuits & Electronics, Signals & Systems, Digital Logic & Computer Systems, Data Structures & Algorithms, Discrete Mathematics

Experience

Stop & Shop, Harwich, MA   *May 2013 – Jan 2018*
Cashier (May 2013 – Jun 2016), Starbucks Barista (Jun 2016 – Jan 2018)
- Ensured friendly, effective customer service and developed rapport with customers
- Eventually took on additional responsibilities, including training and organization of supplies

International Fund for Animal Welfare, Yarmouth Port, MA   *Jun – Aug 2015*
IT Intern
- Provided technical support for users on company computer systems
- Imaged and deployed Windows installations to new users

Academic Projects

Java Graphs Project   *Dec 2017*
- Implemented a graph data structure and effective graph algorithms, including depth-first search, breadth-first search, and Prim's algorithm
- Utilized the Java 8 Stream interface and Java 7 Files class for efficient IO
- Created a fully generified heap to store and operate on objects of any class

Java Hash Table Project   *Nov 2017*
- Created a hash table that handled collisions with open addressing and double hashing
- Implemented advanced sorting algorithms, including mergesort, shellsort, quicksort, and heapsort

PCB Fabrication   *Sep – Dec 2016*
- Utilized Altium Designer to create an audio amplifier board
- Created a schematic for the board and laid out the schematic on a double-layered PCB

Skills

Languages: (proficient) Java, C, MIPS Assembly, Bash, (familiar) C#, Python
Operating Systems: Windows, GNU/Linux
Software: JetBrains IDEs, VIM, PowerShell, Altium Designer, Fusion 360, Microsoft Office
Hardware: Tektronix Oscilloscopes, Digital Multimeters, Function Generators, Arduino, Raspberry Pi

Leadership

President of High School Engineering Club   *September 2012 – May 2016*
- Organized meetings and skills training (e.g. soldering, circuit design and interpretation)
- Coordinated and took part in research for projects (e.g. underwater ROV, quadcopter)

Activities

Parkour, Hip-hop Dancing