Zachary Krausman

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Education

University of Massachusetts Lowell, Lowell, MA   Expected May 2018
Bachelor of Science in Computer Science, GPA: 3.2
Activities: University Honors College, Peer to Peer mentoring program
Courses: Computing I-IV, Software Engineering I, Computer Architecture, Operating Systems

Academic Projects

Computing courses   2014 - Present
University of Massachusetts Lowell, Lowell, MA
- Worked with a partner to create a playable blackjack game in C
- Wrote a player vs. AI poker program in C++
- Developed a program for combining sets based on proximity in C++
- Created a program to calculate volume of an irregular tetrahedron in C++
- Added multiply, divide and right shift commands to an assembler with microcode
- Implemented a symbol table in assembly
- Disassembling and reverse engineering a program to determine correct execution (Binary Bomb)
- Created a game in JavaScript using the Phaser framework as part of team and practiced Scrum/Agile

Intro to Computer Science course   2013 - 2014
Arlington High School, Arlington, MA
- Created Pac-Man and Space Invaders in Processing (Java)

Computer Skills

Operating Systems: Windows, Linux (Ubuntu, Mint)
Languages: C, C++, Python, Processing (Java), Javascript, Ruby, MIPS, IA32, HTML, Boost
Applications: Microsoft Office (Word, Excel, PowerPoint), Solidworks, VirtualBox

Experience

Tech Intern, LAZ Parking, Boston, MA   Summer 2015
- Responsible for merging databases into one large comprehensive database

Tech Intern, Arlington High School, Arlington, MA   September 2013 - May 2014
- IT support, computer assembly and disassembly, and device setup
- Worked on school website

Office Aide, Temple Shir Tikvah, Winchester, MA   2012 - 2014
- Demonstrated attention to detail while performing database maintenance for member information
- Performed general office tasks such as filing and mailing