

Zachary Krausman

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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

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

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

Academic Projects

Computing courses 2014 - Present
University of Massachusetts Lowell, Lowell, MA
• Worked with a partner to write a blackjack program 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
• Disassembled a complex and layered assembly program known as the 'Binary Bomb'
• Created a game in JavaScript using the phaser framework as part of team and practiced Scrum/Agile

Intro to Computer Science course 2014 - 2015
Arlington High School, Arlington, MA