**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