**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