**Robert J. Altman**

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Education  
**University of Illinois at Urbana-Champaign** Expected Graduation: May 2019 Bachelor of Science in Computer Engineering 3.93/4.00 GPA

Currently listed on the College of Engineering’s Dean’s List for both Spring and Fall 2016 semesters.  
Awarded *Top Student* designation on *Piazza* for CS 225 (Data Structures and Algorithms).   
 **Northside College Preparatory High School**  Graduation: June 2015 Chicago, Illinois 4.00/4.00 GPA

Courses taken include: CS1 (Java & Media Computation), CS2 (Elements of Computer Design), AP Computer Science, AP Language & Composition, AP Government & Politics, AP Physics One, and AP Statistics. A 5.0408 (weighted) GPA was the result of four years at the school.

Experience   
**Sorter and Proctor for ECE 120** January 2016 – PresentElectrical & Computer Engineering Department at UIUC

* Invited after > 98% grade earned in ECE 120 during Fall Semester 2015.
* Grading experience was initiated in August 2016 for over 400 students.

**Lead Designer, Programmer, Web and Software Developer** 2012 - PresentIndigoBox Studios

* Co-developed a game called *The Speed of Time*, aided development and ideas for edge-detection software (*Lines*), co-writing and styling a virtual assistant named *Minerva* that responds based on past user input and gathered research, co-authoring a social scheduling web client named *Carpe*, and leading development for *Project Snowshoes*, a launcher replacement for Windows Explorer that can manipulate files and processes, read and act based on input, and control user settings.

Organizations and Volunteer Work  
**STEM Beyond** November 2015 – PresentAuthorized Agent • November 2015 – Present

* Co-founded with a student in freshman year to help students collaborate and pursue research in a unified project, meanwhile guiding students through the process of advancing their projects in STEM.

**Tech Squared**President (former: Vice President, Member) • May 2012 – June 2015 (Member to present)

* I became the first board member, and president, of Tech Squared elected into the club’s board.

**STEM Committee**Local Member • September 2014 – June 2015

* Used knowledge of additive and subtractive manufacturing as well as design and maintenance for newly acquired devices to showcase new equipment and interest at the open-door STEM Day.

**Chung’s Tae Kwon Do and Hap Ki Do Academy**Instructor • December 2012 – Present

* Graduated to Fourth Dan Black Belt rank, co-lead Saturday morning classes, instructed family classes, starting as general student at the academy on July 24, 2003.

Tech Stack & Skills

**C#, C++, and C**Operating System Development and Object-Oriented Programming, used in *Snowshoes*

**HTML, CSS, Ruby on Rails**Markup Languages and Platforms for Web Design and Development

**JavaScript, PHP, Python, Java**Game, Web, and Local Application Development

**.NET Framework, Win32 API, Batch (Command Prompt / MS-DOS)**Microsoft Windows-based wrappers, APIs, and Command Prompt Development