Education  
**University of Illinois at Urbana-Champaign** August 2015 to May 2019 • 3.90/4.00 GPA  
**Bachelor of Science in Computer Engineering** for the **Class of 2019**. Relevant coursework includes:  
  
▸ Algorithms & Models of Comp. (ECE 374) ▸ Operating Systems Design (CS 423) ▸ Power Circuits & Electromechanics   
▸ Computer Systems Engineering (ECE 391) ▸ Data Systems and Algorithms ▸ Digital Systems Laboratory  
▸ Discrete Mathematics ▸ Probability in Engineering ▸ Analog Signal Processing  
  
*Honored by the College of Engineering Dean’s List (starting 6/2016), and as an Illinois State Scholar (2015).*

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**Robert J. Altman**

Skills  
**C++, C, C#, Python, Java, JavaScript (+ React/Node), HTML, CSS, Ruby, SystemVerilog**Programming and Markup Languages

**Desktop and Web UI Design, Team and Project Management, Open Source Contributions**Technical and Project Skills

Experience  
**Global Technology Summer Analyst**Bank of America Merrill Lynch (FICC Credit) • June 2017 – August 2017, June 2018 – August 2018

* Created multiple web projects based on international QA and Credit team initiatives.
* Transitioned teams on metric automation and reporting, product integrity, and release management tools.
* Regularly presented work to a wide variety of project managers and technology executives.

**IndigoBox Studios**Co-Founder, Quality Assurance Manager, Applications and Web Developer • 2010 – Present

* Contributed visuals, ideas, and code review for *The Speed of Time* and edge-detection software (*Lines*).
* Co-leading development, design, and SDLC adherence for a social scheduling web client named *Carpe*.
* Leading research, development, and design for *Project Snowshoes*, a desktop launcher that can manipulate files and processes, read and act based on input, and control user settings.

**Electrical and Computer Engineering Department at UIUC**Undergraduate Assistant, VC Coordinator, Sorter, Proctor for ECE 120 • January 2016 – Present

* Invited after > 98% grade earned in ECE 120 during Fall Semester 2015.
* Built and managed release and grading tools around effective timelines, distributing to over 300 students.
* Initiated grading experience in August 2016, UA work in January 2018, and VC coordination in May 2018.

Projects, Organizations and Volunteer Work  
**Transit Network**Project Founder • February 2017 – Present

* Established a backend framework with Ruby, and guided the team on mobile design.
* Worked with collaborators to include the project at *Chi Hack Night*, a weekly civic tech meeting.
* Recognized as a top project for Hack Illinois 2017’s *The Long Con* award.

**STEM Committee**Local Member • September 2014 – June 2015  
  
Presented to hundreds in an open-house community about additive and subtractive manufacturing, showcasing equipment as well.

**Chung’s Tae Kwon Do and Hap Ki Do Academy** Instructor • December 2012 – Present (Student since July 2003)  
  
Recognized as *Master* after graduating to Fourth Dan Black Belt rank.

**AmigOS**Architect • October 2017 – Present  
  
Created a multiprocessing Operating System with write support and scheduling with three other students for ECE 391.

**STEM Beyond**Authorized Agent • November 2015 - Present  
  
Connected with students on processes to advance their projects in STEM.