ROBERT J. ALTMAN

🏠 7226 W Myrtle Ave, Chicago, IL 60631   📞 (312) 848-5128   ✉ rjaltman04@gmail.com

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).

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.

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.

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.