ROBERT J. ALTMAN

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EDUCATION

University of Illinois at Urbana-Champaign   August 2015 to May 2019 • 3.92/4.00 GPA

Bachelor of Science in Computer Engineering for the **Class of 2019**. Relevant coursework includes:

▸ Data Systems and Algorithms (110%)   ▸ Digital Systems Laboratory   ▸ Discrete Mathematics
▸ Introduction to Programming   ▸ Introduction to Electronics   ▸ Introduction to Computing
▸ Calculus I-III, Diff Eq. + Linear Algebra   ▸ Mechanics, E&M, Quantum Physics, and Thermodynamics

Honored by the College of Engineering Dean's List (6/2016 – present), and as an Illinois State Scholar (2015).

SKILLS

C++, C, C#, Python, Java, JavaScript, 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

- ▸ Created multiple web projects based on team initiatives, collaborating with an international QA team.
- ▸ Transitioned teams in Chicago and New York to continue work done over the summer internship.
- ▸ Presented work to a variety of project managers and technology executives.

IndigoBox Studios

Lead Designer, 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

Sorter and Proctor for ECE 120 • January 2016 – Present

- ▸ Invited after > 98% grade earned in ECE 120 during Fall Semester 2015.
- ▸ Sustained effective timelines for performing and returning work to over 400 students.
- ▸ Initiated grading experience in August 2016.

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 Beyond

Authorized Agent • November 2015 – Present

- ▸ Connect with students on goals that they can present to professors.
- ▸ Guide members through 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.