Andrew Rehayem

CONTACT
INFORMATION

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http://arehayem.com

EDUCATION

The Cooper Union for the Advancement of Science and Art, New York, NY

B.Eng., Electrical Engineering - Computer Engineering, May 2016 (expected)
- Full Tuition Scholarship 2012-2016
- Dean's List, GPA: 3.5/4.0
- Advanced Undergraduate & Graduate Coursework: Communication Theory, Advanced Computer Architecture, Databases, Digital Signal Processing, Computer Security, Discrete Mathematics

PROFESSIONAL
EXPERIENCE

Dow Jones, New York, NY

Web Development Intern   **June, 2014 - present**
Developed a breaking news headline generator, database, and display, as well as an interactive Space Invaders game for employees on a 30 foot tall LED board within the office.

The Cooper Union, New York, NY

Senior Linux Administrator   **March, 2014 - present**
Responsible for several Linux computer labs and the server room at Cooper, all entirely student-run. Perform regular software updates, server configurations, and purchase hardware replacements and upgrades on a tight budget. Extensive experience debugging.

The Cooper Union, New York, NY

Assistant Web Developer   **February, 2014 - August, 2014**
Worked alone with the Cooper Union's full-time webmaster to maintain and improve the school's site. Gained familiarity with Drupal 6, using PHP templates and MySQL on a Linux Apache server. Created a tumblr site for the Cooper Union Admissions Department incorporating the school's custom fonts and styles.

LEADERSHIP

create@cooper, New York, NY   *Co-Founder & Webmaster*
Raised $15,000 of corporate sponsorship to host HackCooper, Cooper's first hackathon, attended by over 100 students from the tri-state area, awarding $3,000 in cash prizes. Brought Alexis Ohanion, co-founder of Reddit, to give a talk attended by 200 students.

The Cooper Union Cinema Club, New York, NY   *Founder & Director*
Screening works by Hitchcock, the Coen brothers, Kubrick, Miyazaki, del Toro, Coppola, Wes Anderson, etc. in the School of Art's screening room.

The New York Youth Symphony, New York, NY   *Trumpeter*
Playing works by Wagner, Mozart, R. Strauss, Brahms, Copland, Stravinsky, Beethoven, etc. The only non music major to win by audition among students from Juilliard, Manhattan School of Music, etc. Play three concerts annually at Carnegie Hall. Touring Argentina summer 2015.

COMPUTER SKILLS

- Programming: Javascript, Python, C++, MATLAB, HTML, CSS, SQL, mongoDB, Node.js, Drupal, Git, Github, LaTeX
- IT: DNS, DHCP, Kerberos, LDAP, AFS/NFS, Bash
- Operating Systems: Linux, OS X, Windows