

# Benjamin Schenker

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## Education

### The Cooper Union for the Advancement of Science and Art

New York, NY

Bachelor of Engineering, Electrical Engineering

2014

- Cumulative GPA: 3.4
- Merit-Based Full Tuition Scholarship: 2010-2014
- Dean's List: Fall 2010, Fall 2011, Fall 2013, Spring 2014

#### Relevant Courses:

Operating Systems, Computer Security, Machine Learning  
Data Structures and Algorithms, Software Engineering & Large Systems Design

#### Projects:

- "ACCIO", Assistive robotic Cart Carrying Imperative Oxygen Fall 2013
- Multi-Player Online Set game developed with Java, Eclipse, and Github Spring 2013
- Designed and implemented an Operational Amplifier with BJTs Spring 2013
- "Femtomatlab", a matrix math calculator using MIPS Assembly Spring 2012

#### Leadership:

- President and Co-founder, Cooper Union Toastmasters 2013 - Present
    - Managed a team of 6 leaders and 20+ members as we all worked on our public speaking skills
  - President, Founder, and Weekly Volunteer, The Cooper Volunteer Tutors 2012 - Present
    - Coordinated 60+ tutoring hours
  - Vice President, Cooper Union Chapter of Association for Computing Machinery 2012 - Present
    - Planned with a team, 15+ distinguished speakers and social events
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## Experience

- **Credit Suisse, Information Technology Analyst, New York, NY** Summer 2013
    - Designed and implemented the front-end for a website to provide videos, white-papers, and event information to clients as part of an intern team using Javascript, JQuery, and Bootstrap
    - Prototyped the application of a data visualization tool with d3.js to aid troubleshooters
    - Presented research on a BYOD initiative within Credit Suisse
  - **Fairfield University, REU Computer Security Research, Fairfield, CT** Summer 2012
    - Expanded on previous CAPTCHA research to increase accessibility for foreign web users
    - Coauthored a paper, documenting the Spanish and French capabilities presented at [iV2013](#)
    - Helped implement a testing website to obtain feedback on ease of use
  - **Cooper Union  $\mu$ Lab, Junior SysAdmin, New York, NY** 2011 - 2014
    - Solved server, computer, and printer issues on Windows and Linux networks
    - Described technical lab features and policies in the comprehensive wiki documentation
  - **Princeton Information LTD, IT Intern, Jersey City, NJ** Summer 2010
    - Designed and completed inventory of 150+ computers
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## Core Technical Skills

**Programming:** C, C++, Python, Java, Javascript, JQuery, d3.js,  $\text{\LaTeX}$ , MATLAB, HTML, CSS

**Writing:** Technical Project Reports, Status Reports, Funding Proposals, Documentation, Blog Posts