# MICHAEL YANG

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## EDUCATION

**New York University**                                              2017–Present
*Candidate for B.A. Honors Computer Science (Transfer Student)*

**Northeastern University (Honors Program)**                         2016–17
*Candidate for B.Sc. Computer Science (GPA: 3.85, Major: 4.0)*
- Dean's Scholarship

## EMPLOYMENT

**Yelp**                                                             Summer 2017
*Full Stack Software Engineering Intern (Traffic Team)*
- Worked on internal link scraping batch, data collection for high value SEO tooling
- w/ Scrapy, Python, AWS Redshift, S3, SQLAlchemy, psycopg2, boto3

**Collaborative Social Systems Lab, Northeastern University**        2016–2017
*Research Assistant*
- Implemented game theory experiment for the web and underlying framework
- Worked closely with postgraduate researcher S. Baitelli, w/ Javascript/Node.js

**Mapkin (Acquired by MapQuest)**                                    Summer 2015
*Software Engineering Intern*
- GPS app startup in Boston + Techstars graduate (small team of ~5)
- Built internal mapping and debug tools w/ RESTful API, w/ Angular.js, Leaflet.js, etc.

## PROJECTS

**MIRA: Motion Interfaced Robotic Arm** — github.com/arm/mira.js     Winter 2014-15
- 3D printed telepresence robotic arm, created with Danny Lu
- Controlled by Leap Motion over the web. Video: youtu.be/vq3yum-2tCs
- Used Arduino, Johnny-Five (a Node.js Firmata library), Express.js, etc.

**Hextris —** hextris.io
- HTML5 Canvas game, over 6 million plays. Created in team of 4.          Spring 2014
- Worked on Canvas rendering, gameplay.

## EXPERIENCES

**Scout Studio**                                                     2016–17
*Developer*
- Accepted into student-run design studio
- AGILE design and development, created editorial site w/ Wordpress, Timber, Sass

**Lexhack** — 2015: lexhack.github.io, Current: lexhack.org          2014-16
*Founder and Organizer*
- Annual 12 hr. high school hackathon in Lexington, MA. 70+ participants

## AWARDS

**Science Fair** — *MIRA, see above*                                 2014–15
- Intel International Science and Engineering Fair Finalist
- MSSEF Roth Award for Research Excellence
- Mass. State Science and Engineering Fair (MSSEF) 2nd Place

**Misc. Awards**
- Finalist Northeastern RISE 2016 research fair — *CSSL research (see above)*
- President's Gold Volunteer Service Award — 250+ hours of service
- Github Game Off 2013 Grand Prize Winner — *Swap* (github.com/nmoroze/swap)
- HackExeter Grand Prize Winner — *Hextris (see above)*

## SKILLS

| **Languages** | **Web Technologies** | **Misc.** |
| --- | --- | --- |
| Javascript + Node.js + ES2015 (ES6) | HTML5, CSS3 + Sass | Gulp, npm |
| Python, Java, SQL | Responsive Design | Git, bash scripting |
| | HTML5 Canvas | Babel |