

# Abhinav Havaladar

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## EDUCATION

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**New York University**, College of Arts and Sciences, New York, NY May 2018  
Bachelor of Science, Major: Computer Science and Mathematics (Honors Program)  
GPA: 3.84. Honors: Dean's List, 2014 – 2015

## EXPERIENCE

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**Kamcord**, San Francisco, CA, Summer Backend Engineering Intern May – Aug. 2016

- Encoded live video streams using a Java backend and AWS
- Worked with thumbnail builders to make web scrub bar for videos on demand
- Developed a system for permissions, rate limiting, and securities reducing backend vulnerabilities

**New York University**, New York, NY, TA for Intro. to Computer Science Aug. 2015 – May 2016

- Worked with professor to correct papers and provide constructive feedback

**IXperience**, Cape Town, South Africa, Software Intern Jun. – Jul. 2015

- Assisted in developing alumni platform website and responsible for backend development of platform
- Worked with Type Form API in order to improve how potential client data is stored

## PERSONAL PROJECTS

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**C.O.W.L.**, New York, NY Aug. 2016

- Used the Marvel comics social graph to find communities of heroes by using the Louvain clustering method
- Calculated the eigenvalue centrality in order to find the most influential heroes in each community

**Characterize**, New York, NY Jun. 2016

- A command line tool that prints an ascii version of an image made with simplecv in python
- Utilizes a modified version of the Canny Edge detection algorithm to find all strong edges

**Emoetion**, New York, NY Mar. 2016

- Scraped reddit threads and uses a naive bayes model to determine sentiment surrounding an anime.
- Focused on resolving coreferences and according gives a relative rank to a given set of anime.

**Society for Nutrition, Education, and Health Action (SNEHA)**, Mumbai, India Dec. – Jan. 2014

- Analyzed donation trends across the past decade to develop solutions to increase donor retention

## LEADERSHIP & CAMPUS ACTIVITIES

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**Microsoft**, New York, NY, Microsoft Student Partner Aug. 2016 – Present

- Hosted workshops, hackerthons, and demos on campus to evangelize Microsoft technologies.

**Facebook (Techstart)**, New York, NY, Role Model Aug. 2016 – Present

- Taught weekly lessons on computer science to high schoolers to encourage greater involvement in tech

**Tech@NYU**, E-board member; Freshmen Cohort Member Sept. 2014 – Present

- Organized workshops to teach students game development
- Developed segments of the clubs online infrastructure such as its API.

**Random Makerthon of Kindness** makerthonofkindness.org, New York, NY Aug. 2015

- Developed website and organized logistics of hackerthon for middle school kids as part of the core team

## SKILLS

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**Programming Languages:** Java, Scala, C, python, Ruby, JavaScript, D3

**Web Development:** MEAN Stack, Ruby on Rails, MySQL, HTML, CSS, JS, AWS

**Data Development:** Python (numpy, scipy, pandas, selenium, beautiful soup, matplotlib, nltk, networkx)

**Relevant Coursework:** Natural Language Processing, Algorithms and Data Structures, Principles of Programming Languages, Linear Algebra, Calculus, Operating Systems