

# Yash Choukse

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Eligible to work from Summer 2018

## EDUCATION

**Northeastern University**, Seattle, WA

Fall 2017 – Present

*Master of Science in Computer Science; GPA: 3.834/4.0*

Related Courses

- CS 5010 Programming Design Paradigm
- CS 5520 Mobile Application Development (Android)
- CS 5800 Algorithms
- CS 7580 Cloud Computing

**Manipal Institute of Technology**, Karnataka, India

July 2013 – July 2017

*Bachelor of Technology in Information Technology*

## TECHNICAL KNOWLEDGE

- Languages and Technologies: Java, Python, JavaScript, PHP, HTML, CSS, Node.js
- Familiar Web Frameworks: Sails.js, React.js, Handlebar.js, D3.js
- Familiar Database Systems: MongoDB, MySQL
- Version Control: Git
- Typesetting: LaTeX

## EXPERIENCE

**Teaching Assistant – CS 5004 Object Oriented Design**

January 2018 - Present

*Northeastern University, Seattle, WA*

**Software Developer Intern**

June 2016 – July 2016

*Nineleaps Technology Solutions, Bangalore, India*

- Built a Social Networking website in under 2 months using Node.js for backend as the only Engineer on a team of 6 members.
- Technologies used include Node.js, Sails.js, Handlebar.js, MongoDB, Facebook OAuth, Paypal APIs.
- Built a Node.js module to simplify file management on server. The module enables any application to make automatic backup of files to Amazon S3

## PROJECTS

- *ALLOT (Android App)*: Helps users collaborate on tasks. Built the app as part of a team of 2 for CS 5520.
  - Conceptualized, Developed and Deployed the Android App
  - Built the UI and the Module that interacts with the backend
  - Built the backend (uses REST APIs) using Node.js (For User and Task management) and Firebase (for Push Notifications)
- *User Classification based on Markov Chains*: Designed an algorithm and Developed a Python library MarkPy which enables any application to use the application logs for User Classification
- *Online Stock Trading Game*: Played by **1500+ students** for the duration of one week. Cached stock quotes to increase scalability. Technologies: HTML, CSS, JavaScript, PHP, MySQL, Yahoo Finance APIs

## COMPETITIONS / HACKATHONS

**Pacific Northwest National Laboratory (U.S. Dept. of Energy)**

November 2017

App with the Best Use of Dataset

**Microsoft: Build The Shield**

March 2016

Part of a 4 member team that ranked 10 all over India in the qualifying round

## ADDITIONAL EXPERIENCE

**President (2015 – 2016)**: IECSE, Computer Science Society of MIT, Manipal, having over 1000+ members

**Chapter Lead (2015 - 2016)**: Google Developer Group Manipal

**Chapter Lead (2015 - 2016)**: Women Techmakers Manipal