

4337 8<sup>th</sup> Ave NE  
Seattle WA 98105

# YASH CHOUKSE

<https://github.com/yash1195>  
<https://yash1195.github.io>  
<https://www.linkedin.com/in/yash-choukse>

(408) 832-8744  
choukse.y@husky.neu.edu

*Eligible to work from Summer 2018*

## EDUCATION

<b>Seattle, WA</b>	<b>Northeastern University</b>	<b>Fall 2017 – Present</b>
<ul style="list-style-type: none"><li>• Masters in Computer Science</li></ul>		
<b>Courses</b>		
<ul style="list-style-type: none"><li>• Program Design Paradigm</li><li>• Mobile Application Development (Android)</li></ul>		
<b>Manipal, India</b>	<b>Manipal Institute of Technology</b>	<b>Fall 2003 – Spring 2005</b>
<ul style="list-style-type: none"><li>• Bachelor of Technology in Information Technology</li></ul>		

## EXPERIENCE

<b>Software Developer Intern</b>	<b>Nineleaps Technology Solutions</b>	<b>June 2016 – July 2016</b>
<ul style="list-style-type: none"><li>• Built a Social Networking website in under 3 months using Node.js for backend as the only Engineer in a team of 6 employees.</li><li>• Used Node.js, Sails.js, Handlebar.js, MongoDB, Waterline ORM, Facebook OAuth, Paypal APIs.</li><li>• Designed and built RESTful APIs for the system.</li><li>• 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</li></ul>		

## TECHNICAL EXPERIENCE

### Research

- **Centre for Artificial and Machine Intelligence** (Feb 2017 – June 2016). Built an Algorithm that Classifies User Behavior for Software Applications using Markov Chains. Developed a Python library **MarkPy** which enables any application to use the algorithm for User Classification.

### Projects

- Built an online stock trading game called Wallstreet which was played by 1500+ students for the duration of one week. **HTML, CSS, JavaScript, PHP, MySQL, Yahoo Finance APIs**
- Built an online game called Kraftwagon in which users could visually create custom modified cars. **HTML, CSS, MySQL, PHP**

## ADDITIONAL EXPERIENCE AND AWARDS

- **President (2015 – 2016): IECSE**, Computer Science Society of MIT, Manipal having over 1500+ members
- **Chapter Lead (2015 - 2016): Google Developer Group Manipal**
- **Chapter Lead (2015 - 2016): Women Techmakers Manipal**

## Technical Knowledge

- Languages: Java, Python, JavaScript, PHP
- Web Technologies: 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

## Competitions

- **Microsoft: Build The Shield**, Part of a 4 member team that **ranked 10** all over India in the qualifying round.
- **Hack the Lab** by PNNL (US Dept. of Energy): Built an app that won the best use of dataset award.