# Yash Choukse

http://yash1195.github.io
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Eligible to work from May 2018

## EDUCATION

**NORTHEASTERN UNIVERSITY**
**MS in Computer Science**
2017 - Present | Seattle, WA
Cum. GPA: N/A

**MANIPAL UNIVERSITY**
**B. Tech in Information Technology**
Karnataka, India

## LINKS

Github:
https://github.com/yash1195
LinkedIn:
www.linkedin.com/in/yash-choukse

## COURSEWORK

**GRADUATE**
- Program Design Paradigms
- Mobile Application Development
(Android)

## SKILLS

**PROGRAMMING**

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 qualified for the finals of Build The Shield Security Challenge.
**Rank 10 (All over India)**
in the qualifying round

## EXPERIENCE

**NINELEAPS** | **Software Developer Intern**
June 2016 – July 2016 | Bangalore, India

- Built a Social Networking website in 3 months using Node.js for backend as the only Engineer in a team of 6. The project was under the mentorship of a Senior Engineer during a summer internship at Nineleaps Technologies Bangaore.
- Used **Node.js, Sails.js, Handlebar.js, MongoDB, Waterline ORM, Facebook OAuth, Paypal APIs. Designed and built RESTful APIs for the system.**
- 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**

## RESEARCH

**CENTRE FOR ARTIFICIAL AND MACHINE INTELLIGENCE** |
**Undergrad Research**
Feb 2017 – June 2016 | Manipal, Karnataka

- Worked on **Classification of User Behaviour for Software Applications using Markov Chains.**
  White Paper at https://yash1195.github.io
- Individually Developed a **Python library: MarkPy**
  which lets Software Applications to process their logs and better predict User Behavior for their application. It was developed as a result of my research on Markov chains.

## PROJECTS

**PINCER** | **HTML, CSS, Python, RoboBrowser, D3.js**
- A web application that produces statistics about College Alumni using data from LinkedIn

**WALLSTREET** | **HTML, CSS, JavaScript, PHP, MySQL, Yahoo Finance APIs**
- Built an online stock trading game called Wallstreet using which was played by 1500+ students for the duration of one week.
- Built a caching server for managing Real Time Stock quotes

**MANIPALMENU** | **HTML, CSS, MySQL, PHP**
- Website for sharing restaurant menus in campus.

## SOCIETIES

| 2016 | Chapter Lead | Google Developer Group, Manipal |
| 2016 | Chapter Lead | Women Techmakers, Manipal |
| 2016 | President | IECSE |
| 2015 | Management Committee | IECSE |
| 2014 | Working Committee | IECSE |

*IECSE is the Official Computer Science Society of my Undergraduate College

**Headed Developer Community of 500+ students**
- Drastically improved participation of Women in the local tech community.
- Institutionalized the developer community. Started weekly developer/designer meetups.