Yash Choukse

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Eligible to work from Summer 2018

EDUCATION

Northeastern University, Seattle, WA   September 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 SKILLS

Languages and Technologies: Java, Python, JavaScript, PHP, HTML, CSS, Node.js

Familiar Web Frameworks: Sails.js, React.js, Handlebar.js

Familiar Database Systems: MongoDB, MySQL

Version Control: Git

Cloud: AWS (EC2 & S3), Digital Ocean Droplets

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 - IECSE, Computer Science Society of MIT, Manipal, having over 1000+ members   2015 – 2016

Chapter Lead - Google Developer Group Manipal   2015 - 2016

Chapter Lead - Women Techmakers Manipal   2015 - 2016