Yash Choukse

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| **(408) 832-8744** | <https://yash1195.github.io/> | [**choukse.y@husky.neu.edu**](mailto:choukse.y@husky.neu.edu) |

*Eligible to work Full Time from May 2019*

**EDUCATION**

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| **Northeastern University**, Seattle WA  *Master of Science in Computer Science;* ***GPA: 3.75/4.0***   |  |  | | --- | --- | | CS 5010 Programming Design Paradigm | CS 5800 Algorithms | | CS 5520 Mobile Application Development (Android) | CS 7580 Cloud Computing | | September 2017 - Present |
| **Manipal University**, Manipal India  *Bachelor of Technology in Information Technology* | July 2013 - July 2017 |

**EXPERIENCE**

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| --- | --- |
| **Software Engineering Intern** at **Audible (an Amazon company)** | June 2018 - August 2018 |
| * Developed a package that allows programmatic creation of Audible accounts with a certain state on the fly. Responsible for Architecture and Development of the tool. * Tool to be used by more than 5 teams. * Developed an Alexa Skill that is capable of running scripts on remote hosts. * Technologies: Java, Alexa, Python, AWS (S3, Lambda, DynamoDB, SQS), Various Internal Amazon libraries and tools |  |
| **Teaching Assistant** for **Object Oriented Design** at **Northeastern University** | January 2018 - April 2018 |
| * Received ***Best Teaching Assistant Award*** |  |
| **Software Engineering Intern** at **Nineleaps Technology Solutions, Bangalore, India** | June 2016 - July 2016 |
| * Built a Social Networking website in under 2 using Node.js for backend as the only Engineer on a team of 6 members * Technologies: Node.js, Sails.js, Handlebar.js, MongoDB, Facebook OAuth, Paypal APIs |  |

**TECHNICAL SKILLS**

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| ***Languages and Technologies***: Java,  Python, JavaScript, PHP, HTML, CSS,  Node.js  ***Version Control***: Git | ***Cloud***: AWS (S3, EC2, Dynamo, Lambda,  SQS), Digital Ocean  ***Familiar Database Systems***: MongoDB, MySQL | ***Familiar Web Frameworks***: Express.js, Sails.js, React.js, Handlebar.js  ***Typesetting***: LaTeX |

**PROJECTS**

***ALLOT (Android App + Node Backend):***

* 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**

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| --- | --- |
| **Cyber Defense Competition (U.S. Dept. of Energy)** | April 2018 |
| **Pacific Northwest National Laboratory (U.S. Dept. of Energy)**  App with the Best Use of Dataset | November 2017 |
| **Microsoft: Build The Shield**  Part of a team of four that ranked 10 all over India in the qualifying round | March 2016 |

**ADDITIONAL EXPERIENCE**

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| **President** at IECSE  Computer Science Society of MIT, Manipal, having over 1000+ members | 2015 - 2016 |
| **Chapter Lead** atGoogle Developer Group Manipal | 2015 - 2016 |
| **Chapter Lead** atWomen TechMakers Manipal | 2015 - 2016 |