VARUN NANDU

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EDUCATION

Northeastern University, Boston, MA — September 2016 – present
College of Computer and Information Science
Candidate for Master of Science in Computer Science **GPA: 3.42**
Related Courses: Programming Design Paradigm, Algorithms,
Web Development, Fundamentals of Artificial Intelligence
Activities: **Teaching Assistant** for the course CS2800 : Logic And Computation — Spring 2017

NMIMS University, Mumbai, India — August 2016
Mukesh Patel School of Technology, Management and Engineering
B.Tech in Information Technology **CGPA: 3.18**
Related Courses: Data Structures and Algorithms, Artificial Intelligence, Cloud Computing

TEHNICAL KNOWLEDGE

Languages:	Python, Java, HTML, CSS, JavaScript, SQL, Racket, ACL2s
Web Technologies:	Bootstrap, jQuery, Angular JS, Node JS, Express JS
Systems/Databases:	Windows, Mac, Ubuntu, Oracle 10g, MySQL, MongoDB
Tools/ IDE:	Git, Heroku, Eclipse, Webstorm, PyCharm, IntelliJ IDEA

ACADEMIC PROJECTS

MovieNow, Northeastern University, Boston, MA — Spring 2017

- Developed and deployed on Heroku cloud platform a single page, mobile first web application using MEAN stack which allows users to search, like and review movies.
- Implemented RESTful MVC architecture by leveraging Angular JS with server side built using Express/Node JS and strengthened security by implementing session management using passport JS which authenticates each request
- Procured movie information using the TMDB API.
- Designed front-end using Bootstrap and jQuery with data persistence handled MongoDB as the NoSQL database

Gobblet, Northeastern University, Boston, MA — Summer 2017

- Designed Artificial Intelligence for computer player in game of Gobblet using Python
- Implemented and analyzed adversarial search algorithms like Minimax and Alpha-Beta Pruning for selecting the best move for computer player

WORK EXPERIENCE

Flexiloans Inc, Mumbai, India
Data Sciences Intern — June – August 2016

- Expedited the process of data extraction from bank statements using the Tesseract Library in Python thus improving the productivity of the team by 50%.
- Recorded and Analyzed the extracted data using the xlwt library in Python which resulted in automating the analysis process.

INTERESTS AND HOBBIES

Participated and Won various Model United Nation in ECOSOC/ECOFIN Committee