

VARUN NANDU

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<https://varunnandu.github.io>
<https://github.com/varunnandu>

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, Natural Language Processing, Data Mining Techniques

NMIMS University, Mumbai, India August 2016

Mukesh Patel School of Technology, Management and Engineering

B.Tech in Information Technology **GPA: 3.18**

Related Courses: Data Structures and Algorithms, Artificial Intelligence, Cloud Computing

TECHNICAL 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.
- Procured movie information using the TMDB API.
- 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
- 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

Northeastern University, Boston, MA

Master Assistant for Logic and Computation Spring 2017

- Assisting undergraduate students for labs twice a week by resolving their queries on the assigned lab work.
- Grading about 10 group assignments every week, midterm exam and final exam.
- Providing students honest and diligent feedback on assignments, quizzes and tests.

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