

# VARUN NANDU

Boston, MA  
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**Available:** January – September 2018

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

## EDUCATION

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**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

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**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

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**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

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**Northeastern University**, Boston, MA

Master Assistant 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

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