# Soham Mehta

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## EDUCATION

**Stony Brook University, New York**                                                          **Expected: December 2018**
Pursuing Masters in Computer Science (GPA: 3.5/4.0)
Coursework: Artificial Intelligence, Analysis of Algorithms, Data Science Fundamentals and Computing with Logic (Fall 2017)

**University of Mumbai, India**                                                                  **May 2013 - June 2017**
Completed Bachelor of Engineering(B.E.) in Information Technology with *Distinction* Grade (GPA of 8.75/10)
Ranked among Top 10 in class.

## SOFTWARE SKILLS

- Programming languages: C++, Python, Java, C, Prolog
- Web Technologies: HTML5, JavaScript, CSS, PHP, Bootstrap, SQL
- Design and Simulation Software: MATLAB, Photoshop, Unity3D, AutoCAD, Blender
- Tools: Git, Visual Studio, Android Studio, Jupyter, Sublime, CodeBlocks, Eclipse

## PROFESSIONAL EXPERIENCE                          www.linkedin.com/in/sohammehta

**Residential Computing Center, Stony Brook University**                          **January 2018 – Present**
*Consultant*
- Working as a Consultant at the SUNY Stony Brook Computing Center used for research, academics and scholarly studies.
- Responsible for overseeing, guiding and counseling the students in the lab with their on-going work and research.

**Lazywyre, Mumbai (Internship)**                                                        **July 2015- September 2015**
*Intern- Web Developer, Technical Team*
- Designed the entire e-commerce website along with developing the catalogue of items using csv files. Used a framework of Prestashop that uses PHP and MySQL databases to provide maximum usability and simplified client interactions.
- Won 250 USD from Google to create an online marketing campaign for the company using Google AdWords.
- Working as an Assistant Consultant at the SUNY Stony Brook Computing Center used for research, academics and scholarly studies. Responsible for overseeing, guiding and counseling the students in the lab with their on-going work.

## SELECTED ACADEMIC PROJECTS AND PAPERS          www.github.com/sohammehta95

**Augmented Reality Books**
- Developed an augmented reality system that scans a page of any book for the relevant keywords and provides real time augmented information in the form of 3D models or text definitions. Technical paper published in IEEE Xplore.
- *Technologies used: UNITY 3D, Vuforia, Android Studio*

**ProjectNGO**
- Developed a web portal and an Android app for several non-profit organizations wherein each organization could post its upcoming events & accept donations while the users could register for the posted events.
- *Technologies used: Bootstrap, HTML, JavaScript, CSS, PHP and SQL databases.*

**Kaggle : Zillow Home Value Prediction**
- Performed analysis on real estate data provided by Zillow consisting of more than 3 million rows using Python. Implemented linear regression model to reduce the mean squared error between the predicted and actual values.
- *Technologies used: Python, NumPy, Pandas, Jupyter*

**Cricto-Paul** (www.crictopaul.com)
- Developed a prediction system which determines the outcome of a cricket match based on the features of given teams and the data of all the previous matches played between them.
- *Technologies used: Python, Anaconda, NumPy, Pandas, Jupyter*

**Pacman using Artificial Intelligence**
- Designed algorithms to perform state-space search, multi-agent search and reinforcement learning using heuristics and evaluation functions in the Pacman world.
- *Technologies used: Python, C++*

## EXTRA-CURRICULAR ACTIVITIES

- **FOUNDER,** *Engineerfoodie.com*: Food blog with more than 10k followers on Instagram featuring posts on restaurant reviews, contests & paid promotions. Targeted audience reach of over hundred thousand with 20k+ impressions/week.
- **CHAIRPERSON,** Computer Society of India (2015-16): Managed a team of 52 members in organizing workshop and events.
- **GOOGLE CAMPUS AMBASSADOR,** D.J.S. College of Engineering: Organized and promoted Google events on the campus.
- **MICROSOFT TECHNOLOGY ASSOCIATE:** Completed certification by Microsoft IT Academy on ASP.NET, Cloud Computing.
- **BOARD MEMBER,** Department Advisory Board (DAB) for the Department of Information Technology, Mumbai University.
- **VOLUNTEER,** *Teach for India*: Taught maths and science to underprivileged children at Holy Star English School, Mumbai.
- **RUBIK'S CUBE SOLVER**: Solved 3x3,2x2 & Pyraminx cubes in district and national level competitions (National Rank 5667)