

# ANJALI CHOURDIA

Computer Science and Engineering  
New York University

chourdiaanjali123@gmail.com  
Phone : +1 (917) 292-4637

## ACADEMIC DETAILS

---

- SEPT'17 - PRESENT Bachelor of Science from **New York University** in  
**Computer Science and Engineering** — GPA: 3.84/4
- JULY'15 - MAY'17 Matriculated from **Indian Institute of Technology, Delhi** in  
Biochemical Engineering and Biotechnology — GPA: 8.1/10

## SCHOLASTIC ACHIEVEMENTS

---

- **Cleared the first stage** for the selection of **Indian team** to **IMO-2014**
- **Secured 2400/2400 in SAT** Subject Tests(Physics, Chemistry and Maths Level II) conducted in October 2016
- **Best Presentation** in Bal Vigyan(Young Scientist Award): Biology & Biotechnology Competition. Organized by the Sahodaya Schools Complex, CBSE.

## INTERNSHIPS AND PROJECTS

---

### Deep Learning Summer Intern *San Francisco*

The Go Game  
*June 2017 - July 2017*

- Worked on a deep learning framework that involved counting the number of human faces in a given image. This was used to manage and verify the working of remote offices of the company.
- Extended the working of the DeepResNet model for image segmentation to incorporate different human faces and postures. Segmented images were counted for the number of contours present, to give the count of humans in the photo.
- Developed an Image Search system using Image Captioning models and an Inverted Image Index to give all the images containing the words of the input query.

### Interactive Digital Video Montage *IIT Delhi Independent Project*

Prof. Subhashis Banerjee  
*Oct. 2016 - Dec. 2016*

- Implemented the baseline papers: Interactive Digital Photomontage (Aseem Agrawala et al.) and Fast Approximate Energy Minimization via Graph Cuts (Boykov et al.).
- Worked on a computer assisted framework for combining parts of a set of photographs into a single composite picture using techniques such as: Graph-cut optimization and gradient domain fusion.

### Gateway for connecting IoT devices to Internet *IIT Indore Winter Internship*

Prof. Abhishek Srivastava  
*Dec. 2016 - Jan. 2017*

- Worked to develop a technology agnostic gateway for connecting the proprietary technology driven IoT devices to the standard technology of the Internet
- Implemented RESTful APIs for converting the proprietary MTUs to MTUs comprehensible to the IP protocol.
- Worked on design of a Java application with URIs so that it is exposed over RESTful APIs

## RELEVANT COURSES

---

- **Computer Science and Mathematics**  
Data Structures & Algorithms, Digital Logic and State Machine Design\*, Discrete Mathematics\*, Object Oriented Programming in C++\*, Machine Learning by Andrew Ng, CS131: Computer Vision: Foundations and Applications, and CS231n: CNNs for Visual Recognition, Calculus, Linear Algebra, Differential Equations

## TECHNICAL SKILLS

---

- **Programming Languages and Frameworks:** Python, C++, Java, C, MATLAB, Tensorflow, Keras, HTML5.0