

# Manvijay

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## EDUCATION

**State University of New York, Buffalo, NY**

Anticipated December 2018

Bachelor of Science, Computer Science

Minor: Mathematics

GPA: 3.8/4.0

Honors: Dean's List (2016,2017)

## PROJECTS

### **Automation of Sugarcane Management Plant (Research Paper)**

- Designed the Software Architecture Model which takes care of every aspect from farming to cane processing to billing and assigning contracts to legit farmers.

### **Portfolio Website (HTML, CSS, JavaScript)**

- Built this website which is a tracker of my digital footprint and projects.

### **Image Recognition System (MatLab)**

- Built an image recognition system for a subset of the Sun's Database for Image Processing using MatLab.

### **Social Networking Database (PostgreSQL)**

- Designed a database using PostgreSQL for a social networking website similar to Twitter.

### **Interpreter (Java and Standard Meta Language)**

- Built an interpreter in Standard Meta Language and Java to compare the efficiency of code in these two languages.

### **Movie Theatre Ticketing System (C++)**

- Built a system for management of ticket counter in a Movie Theatre using C++.

## EXPERIENCE

*Student Assistant, School of Engineering and Applied Sciences, University at Buffalo*

Sep 2017-Present

- Work with SEAS office to prepare and execute Science activities with School Kids.

*Intern, BSNL, India (Federal telecommunication company)*

June 2016- July 2016

- Worked under the supervision of Chief Engineer working on networking problems and dealt with customer issues.

*Cofounder, Club Kairos, India (Entrepreneurship Club)*

Sep 2015-Present

- Organized Magnus, biggest event on campus where students pitch ideas in front of established entrepreneurs.

*Teaching Assistant, Adarsh Senior Secondary School, India*

June 2015-Present

- Helped Secondary school students with Computer Science, Chemistry and Physics problems.

## LEADERSHIP EXPERIENCE AND EXTRA-CURRICULAR ACTIVITIES

*Sports Captain, International Center for Applied Sciences, India*

July 2015- May 2016

- Organized Sports week for the college and led the college soccer team at various events.

*Volunteer, Camporall*

June 2017

- Assisted **Dr. Liesl Folks' team** in carrying out *MAGNETISM!!* workshop.

*Volunteer, Westminster Community Charter School, Buffalo*

April 2017

- Taught primary school kids under *Science is Elementary* program organized by UB STEM.

*Tamer, Lions Club of Manipal University, India*

Feb 2015- July 2016

- Responsible for the events and workshops organized by the club, most of the time coordinating with delegates.

*Workshops Attended*

- UB Hackathon and Certified Ethical Hacking Expert Workshop at Delhi Technological University

## SKILL SET

- Languages:** JAVA, C++, C, Python, HTML, CSS, JavaScript, JQuery, MySQL, PostgreSQL, Assembly Language Programming, Standard Meta Language, Unified Modelling Language, VHDL Hardware Description Language.
- Tools:** MatLab, Adobe Illustrator, Photoshop; Android Studio; MS Word, MS Excel, MS PowerPoint, and Outlook