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.

Android Sports Application (Android Studio**)**
- Built a mobile app which let you compare two players beside keeping track of live scores and league tables.

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.

SKILL SET

- *Languages*: JAVA, C++, C, Python, HTML, CSS, JavaScript, XQuery, XPath, MySQL, PostgreSQL, Assembly Language Programming, Standard Meta Language, Unified Modelling Language, VHSIC Hardware Description Language.
- *Tools*: MatLab; Adobe Illustrator, Photoshop; Android Studio; Eclipse; Atom; MS Office