

# Manvijay Lather

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## EDUCATION

**State University of New York, School of Engineering and Applied Sciences, Buffalo, NY**  
Bachelor of Science • Major: Computer Science • Minor: Mathematics  
GPA: 3.8/4.0 • Honors: Dean's List (2016,2017)

12/2018

## EXPERIENCE

*Student Associate Developer, Centene Corporation (Fortune-100, Health Care Company)*

06/2018-12/2018

- Fully redesigned a .NET web app. Used Angular for Front-End, C# for Back-End and SQL for Database.
- Learned about AGILE Methodologies and JIRA.

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

09/2017- 05/2018

- Worked with Dean's office to teach elementary school kids of Buffalo the basic concepts of Science by performing experiments with goods used on a daily basis like rubber bands and straw.

*Summer Intern, BSNL, India (Federal Telecommunication Company of India)*

06/2016- 07/2016

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

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

07/2015- Present

- Organized and managed sponsors for MAGNUS, biggest event on-campus where the students pitched ideas in front of established local entrepreneurs to find suitors for their business ideas.

## PUBLICATIONS

**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.

## PROJECTS

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

- Built a system for management of ticket counter in a movie theatre using C++.

**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.

**Android Sports Application (Android Studio)**

- Built an Android App which lets user compare two players beside keeping track of live scores and league tables.

**.Net/ Angular Web Application (Typescript, C#, SQL, HTML, CSS)**

- Built a web app which retrieves, filter and display formatted data using REST APIs.

**Front-End QUIC website (HTML, CSS, JavaScript)**

- Built the front-end of the website for QUIC. This project was the Runner-up at Buffalo Startup Weekend 2018.

**Social Networking Database (PostgreSQL)**

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

## LEADERSHIP EXPERIENCE AND EXTRA-CURRICULAR ACTIVITIES

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

07/2015- 05/2016

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

*Volunteer, Camporall*

06/2017

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

*Tamer, Lions Club of Manipal University, India*

02/2015- 07/2016

- Organized events and workshops and coordinated with delegates to arrange meeting.

## TECHNICAL SKILLS

- Languages:** Java, C++, C, C#, Typescript, HTML, CSS, JavaScript, XQuery, MySQL, PostgreSQL, Assembly Language Programming, Standard Meta Language, Unified Modelling Language
- Frameworks:** Angular, .Net, Jasmine
- Tools:** Android Studio, Eclipse, Visual Studio, MatLab; Adobe Illustrator, Photoshop; Karma; MS Suite