**Manvijay Lather**

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**EDUCATION**

**State University of New York**, School of Engineering and Applied Sciences, Buffalo, NY 12/2018

Bachelor of Science • *Major*: Computer Science • *Minor*: Mathematics

***GPA*: 3.8/4.0 • *Honors*: Summa Cum Laude**

**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**

**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.

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

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

**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.

**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, Bootstrap
* **Tools**: Android Studio, Eclipse, Visual Studio, MatLab; Adobe Illustrator, Photoshop; Karma; MS Suite