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*: Dean's List (2016,2017)

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