Mahammad Junaid

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EDUCATION

	Institution	Percentage	Year
B.E, *Computer Science & Engineering*	Nitte Mahalinga Adyanthaya Memorial Institute of Technology, Nitte	7.86 CGPA	2018
Diploma, Computer Science	Karnataka Polytechnic, Mangalore	82.26 %	2015
Xth std	Shiva Rama Karantha (govt.) school, Puttur	79.6 %	2011

TECHNICAL SKILLS

- **Front end**: HTML, HTML5, CSS3, Angular4, React, Bootstrap.
- **Programming**: C, C++ STL(C11), C#, Java, PHP, Python, JavaScript, SQL, VB.
- **Preprocessors**: TypeScript, Pug, Sass.
- **Frameworks**: Django, Keras, Tensorflow, Pandas, Numpy, .NET, electron, firebase, jQuery, Angular4, Laravel, OpenCV, P5js, Express JS.
- **Version Controls**: Git.
- **IDEs/Editors**: jupyter, Visual Studio, Visual Studio Code, Atom, Android Studio, eclipse.
- **Software**: Unity3D, Photoshop, Gimp, etc.
- **Machine Learning**: Tensorflow.keras().
- **Cloud Computing/VM**: VMware, Google Compute Engine, Docker.
- **Networking**: Routing, Switching and basics of computer identification with tools like nmap, etc.
- **Computer Science Concepts**: Data structures, cloud computing, RDBMS, OS.

LIVE PROJECTS

- **Sapien.ML:** *Open source ML/DL library for JavaScript.* (https://github.com/DakshMiglani/Sapien.ML.git)
- **Research on working of brain at data/operation level:** This is where I test my hypothesis. I believe that terminators are possible.
- **Depth analysis of RGB image using Neural network:** This is again a research. Motivation for this work is human brain. Since human can predict depth of an object in a picture, probably a well-organized neural network can do the job as well.
- **An Open Source UI library:** *The goal behind this project is to provide abstract but powerful programming interface to UI designers in a syntactically beautiful way using Simple Fast Multimedia Library, Chaiscript, OpenGL. (on and off) (*https://github.com/junaid1460/sfml-ui.git *)*

PROJECTS

- **Students' Achievement Portal**: *A Web portal for students to upload their achievement details. Helps college to query students' performance statistics. (Django, Angular4, REST)*
  *(*https://github.com/junaid1460/Student-Achievement-Portal.git*)*

- **A twitter bot app**: *The app grabs all the tweets of user and his friends which has hyperlink. Once all data is queried, app analyses the data and shows most shared links and as well the as the person who shared max number of links. (Node.js, Angular2, REST)*
  *(*https://github.com/junaid1460/twitterbot.git *)*

- **Traffic density calculator**: *An IOT project to approximate traffic density using OpenCV. (C++)*

- **An e-commerce website**: *A website providing tutorials for latest programming languages and for discussion on programming related topic (During diploma). (.NET MVC4 C#, Bootstrap, jQuery)*

Source code of some of these projects are not available. Since I wasn't aware of github/bitbucket at that time.

- **A mini language parser**: *It is recursive descent parser written using C++ STL libraries. This parser will accept right recursive grammar (5th semester).*
  *(*https://github.com/junaid1460/recursive_descent_parser.git*)*
- **More:** There many other repositories at (https://github.com/junaid1460). (since they are newborn or experimental works, I am not mentioning).

ACHIEVEMENTS

- **Google Foo Bar**: Solved Google foo bar challenge. (All 5 levels cleared)
- **Code chef**: 1st place in this coding event held at MITE college.
- **Coding and Debugging:** 1st place in coding event held at Tech Fest organized by SDIT

RESPONSIBILITIES

- **Finite Loop** (A coding club formed inside college).
- Webmaster and member of Web Technology SIG in ACM (2015-2016).
- Member of CSI (2015-2016).

HOBBIES AND INTERESTS

- Learning new technologies and staying up to date
- Physics, Space & Science.
- Workouts.