APARAJITHAN VENKATESWARAN
1995 E Coalton Road, Apt #77-104, Superior, CO – 80027
+1 (720) 520-2811 | www.github.com/traxex33 | ssapar@gmail.com

EDUCATION

University of Colorado Boulder, Boulder, CO
Bachelors of Science in Computer Science, expected May 2020
(Since my credits from India did not transfer completely, I am repeating freshman year again)
Relevant Courses: Intro Computing, Calculus 1

Indian Institute of Information and Technology Design and Manufacturing, India
Bachelors of Technology in Computer Engineering – *Transferred to CU Boulder in Fall 2016*
GPA (after Spring 2016): 9.64 (on a scale of 10.00)

Arsha Vidya Mandir, India
(A private school affiliated with Central Board of Secondary Education, India)
Senior School Certificate Examination, CBSE, 2015 – Passed with 96.2%
Secondary School Examination, CBSE, 2013 – Passed with a perfect 10.0 GPA

TECHNICAL SKILLS

Languages: C, C++, MATLAB, HTML/CSS, JavaScript
Tools: Microsoft Visual Studio, MATLAB, GNU Octave, AutoCAD
Operating System: Windows, Linux

AREAS OF INTEREST

Machine Learning
Computational Neuroscience
Artificial Intelligence

PROJECTS

Ruin Escapade: A Game in C++ October 2016
Domain: Computer Science, C++
Description: This is a simple maze/puzzle game in C++, incorporating sophisticated graphics and sound using SDL library, where the player controls the hero, who is trying to escape a labyrinth

Study of Ionospheric Models in Improving the Accuracy of GPS Receivers January – May 2015
Domain: Electronics and Communications
Description: Study of the Klobuchar Ionospheric model used to correct GPS signals for accuracy

Removal of Consumed Alcohol from Human Body March – May 2015
Domain: Chemistry
Description: Alcohol reacts with acetic acid to form esters, a class of chemicals found in fruits. This project aimed at using this simple reaction to remove alcohol from the body

Study of Magnetism in Plant Growth August – November 2013
Domain: Biology/Physics
Description: This project studied the effect of magnetic fields in germination and growth of plants