Amritpal Singh | Resume

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 github.com/amrit3701

Undergraduate electrical and electronic engineer completing the final year of a master's degree. Passionate about science, with strong technical, business, and interpersonal skills for working in a team and successfully completing a project.

Project

Rebar Addon for FreeCAD **GSoC Project**
https://github.com/amrit3701/FreeCAD-Reinforcement *2017*

This is a Google Summer of Code (GSoC) project under FreeCAD community. This project is aimed at easing up the process of rebaring in FreeCAD.

FreeCAD **OpenSource Contribution**
https://github.com/FreeCAD/FreeCAD *2017*

FreeCAD is an open-source parametric 3D modeling application, made primarily to design real-life objects.

Sim (Structure information modeling) **GreatDevelopers**
https://github.com/GreatDevelopers/Sim *2015 - 2016*

This software intends to provide users with ability to store information of a structure and provide full analysis of that structure. This project also deals to creates drawing on sheet of 3D building.

Education

Bachelor's Degree in Computer Science and Engineering **78.72%**
Guru Nanak Dev Engineering College, Punjab, India *2014–2018*

Higher Secondary Examination **66.72%**
Nanakana Sahib Public School, Punjab, India *2014*

Matriculation **7.8 CGPA**
Nanakana Sahib Public School, Punjab, India *2012*

Achievements

- Google Summer of Code, 2017.
- Developer for FreeCAD.
- Developer for GreatDevelopers

Skillset

- **Technologies I worked in:** Python, PySide, Django, C++, Flex, Bison, SageMath, CGI, shell scripting, MySQL, WordPress, LaTeX.
- **Tools:** vim editor, git, make utility, QtCreator, Doxygen, Inkscape, GIMP.
- Linux Adminstration