

Hello I'm Divyendu Shekhar

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Education

MAY 2015 - MAY 2019

Sikkim Manipal University, Sikkim - *Bachelor of Computer Science and Engineering. (8.1)*

Skills

Coding: C/ C++, Java, Python, HTML, CSS, JavaScript, Node.js, PHP, jQuery, Bootstrap.

Technologies/Environment: Windows, Linux, MySQL, MongoDB, Unreal Engine.

Experience

JUNE 2018 - JULY 2018

Manipal Institute of Technology, Bangalore, India - *Student Intern.*

- Created a neuro-fuzzy system to predict the sepsis level of intensive-care patients.
- Worked with practicing Doctors to improve the correctness and relevance of the data.

Projects

AUGUST 2018 - DECEMBER 2018

Quants Game - *A video game to test students on their ability to solve quantitative problems.*

- Created a game for windows platform that rates the students on their ability to solve quantitative problems.
- Implemented in Unreal Engine Using blueprints.
- Applied software engineering principles to maintain an efficient workflow.

JANUARY 2019 - MAY 2019

Sign language to audio - *An application that converts sign language into audio.*

- Created a capsule network model for recognizing the hand signs.
- Extracted words from the signs using python lists.
- Used python text-to-speech engine, converted the extracted words into audio.