Himanshu Kumar

Email: himanshu4746@gmail.com | Phone: +91 9632612881 | GitHub | LinkedIn

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Education

Sir M. Visvesvaraya Institute of Technology, Bengaluru   AUG 2014 - PRESENT
Bachelor of Engineering in Computer Science
Current aggregate : 72.23%
Electives: 'Artificial Intelligence', 'Clouds, Grids and Clusters'

Experience

SendX, Bengaluru - Software Development Intern   OCT 2016 - JAN 2017
- Worked on Chrome extension to get read receipt for sent mails through gmail.
- Worked on WordPress plugin to add custom popup on WordPress sites based on certain triggers.

Skills

C, C++ (Proficient) | Data Structures, Algorithms, Unix/Linux, SQL, OS (Intermediate)
HTML, CSS, Javascript, Git, Java (Basic)

Projects

- **Morphy:** A 3rd year graphics project. A simple implementation of audio data visualization. Audio data is converted from time scale to frequency scale using Fast Fourier transform.
  Technologies used: C++, OpenGL, KissFFT, FFT algorithm and SFML.
- **BrainOnBass:** An application that analyses a person's mood using collection of user data and recommends music to suit accordingly.
  Technologies used: Python, Canvas and SoundCloud API.
- **WeatherDB:** A 3rd year Database project. A responsive graphics visualizer for the weather data for different cities.
  Technologies used: SQL, NodeJS, Expressjs.
- **Tic-Tac-Toe:** Tic Tac Toe using Minimax algorithm upto highest depth. It's an unbeatable game.
  Technologies used: C++, OpenGL, Minimax algorithm.
- **Email-Receipt:** Chrome Extension to get read receipt for sent mails through gmail.
  Technologies used: Chrome DevTools, JavaScript, HTML, CSS.

Activities and Achievements

- Represented college in JIT Graphics Day 2017 & won the best project award.
- Participated in departmental project exhibition 2017.
- Attended national level conference & workshop of 4CCon, FSMI, Chennai, 2017.
- Actively participate in hackathons & online coding challenges.
- Earned N.C.C.(National Cadet Corps) 'A' Certificate & attended Republic Day Camp.
- 10 CGPA in AISSE 2011, Class 10.