

BOORGU SHASHANK GOUD

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Projects

SUPERMARKET AUTOMATION SOFTWARE | Course Project

Software Engineering Lab Project under Prof. Abir Das and Prof. Sourangshu Bhattacharya

- Designed a web-application to automate various operations like inventory management, Billing etc.
- Provided additional functionality to print the sales statistics for every item.
- Provided Login feature for Manager, Sales Clerk, Inventory Management Officer
- Provided a feature for Manager to change the selling price.
- Languages used were Java, MYSQL

Wedding Event Planner Website | Skill vertex Major Project

- Created a platform that connects various customers to the event organisers, catering service providers, make up artists, photographers, jewellery shops etc.
- Provided Login feature for customers.
- Made pagination using jQuery AJAX and PHP which immediately displays the most relevant content and allowed display of various items based on star rating, cost etc.
- Languages used were HTML, CSS, JavaScript, PHP, AJAX, MYSQL.

TinyC Compiler | Course Project

- Created a C compiler
- Written a library for printing and reading an Integer, Float and String in assembly language.
- Written Flex specification using a lexical grammar
- Written a Bison specification with semantic actions to translate a tinyC program into an array of 3-address quad's, symbol table etc.
- Written a target code translator which translates three address code to assembly language of x86-64.

Space Invaders with Hand Tracking | Self Project

RISC Processor | Course Project

Skills

Competitive Programming

Algorithms and Data Structures

Web development

Achievements

IPE Score : 983/1000

KVPY 2019 SX Rank : 177

JEE Mains Rank : 702 (out of 1M+ candidates)

JEE Advance Rank : 1790 (out of 0.15M+ candidates)

Qualified for INChO 2020 under Telangana by clearing NSEC 2019

Personal details

Website

shashankgoud001.github.io/Personal-Website

LinkedIn

linkedin.com/in/shashankgoud-2292601ba

Education

COMPUTER SCIENCE & ENGINEERING (BTECH + MTECH)

IIT Kharagpur, Kolkata

Dec 2020 - Present

Languages

C++ , C , Java , Python

HTML , CSS , JavaScript

PHP , MYSQL

Courses

Programming and Data Structures (Theory and Lab)

Algorithms-I (Theory and Lab)

Software Engineering (Theory and Lab)

System Programming Lab

Probability and Statistics

Statistical Inference

Compilers (Theory and Lab)

Computer Organization and Architecture (Theory and Lab)

Machine Learning