Ashwin Balaji

Programmer

How to reach me:

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Professional Skills

Coding Languages:
C++, Python, Julia, FORTRAN, JavaScript, HTML/CSS

Frameworks/Systems:
MEAN Stack, Bootstrap 4, Visual Studio, Django, cPanel, Heroku, Digital Ocean

Personal Profile

I am a programmer with robust problem-solving skills and proven experience in creating and designing software for varied fields.

Educational Training

NIT Calicut

Bachelor of Technology in Engineering Physics

- Enrolled since July. 2017 to present
- CGPA 7.59(5 semester)
- Taking up specialization project in Lattice Gauge Theory.
- Taking up electives in discrete event simulation techniques.

Leadership, Teaching and Administrative Experience

The Skill Craft

Core Committee Member; a hard and soft skills training center

- Trainer for Python, DS and Algorithms courses
- Host for Virtual Internship Platform in Deep Learning during COVID-19 Lockdown
- Mentor for 20+ Students.
- Managed 15+ projects.

Relevant Projects Summary

WaveGuide-Mode-Visualizer

Dr. Ram Ajor Maurya
May 2020

- Program to visualize the Electric and Magnetic Field in a Rectangular Waveguide for both TE Mode and TM Mode.
- It is written in Python with 3D Visualization Package Mayavi and PyQt5 for GUI

HiFi Run

Dr. Archana
February - March 2020

- Retro based 2D Side-Scroller Game developed using Pygame package.
- Implemented the Game Design Principles.

SPC Data Reader

Dr. M K Ravi Verma
Summer 2018

- Translated MATLAB code to C code which can read Spectrum files
- This code is written to aid further Post-Experimental Data Analysis.

Character References

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