SRIHARSHA KOTCHARLAKOT

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github.com/sriharsha2000
codechef.com/users/sriharsha_2000
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EDUCATION

Bachelor of Technology in Computer Science and Engineering   **Aug 2017 - Exp. Jun 2021**
MLR Institute of Technology, Dundigal, Hyderabad
CGPA: 7.68 (Up to 3rd Year 1st Semester)

Intermediate Education in Maths, Physics, and Chemistry   **Jun 2015 - May 2017**
Sri Chaitanya Junior Kalasala, DD Colony, Hyderabad
Percentage: 91.7%

Certifications & MOOCs
- *Neural Networks and Deep Learning by deeplearning.ai on Coursera*   *Apr 2020*
- *CodeChef Certified Data Structure & Algorithms Programme - Foundation Level*   *Sept 2019*
- *Programming in Java on NPTEL*   *Jan - Apr 2019*

EXPERIENCE

Blender Foundation | Google Summer of Code 2020 student   **Jun 2020 - Aug 2020**
- Extended Blender's viewport display tools by adding support for visualizing liquid simulation grids using C and shader programming.
- Improved user-control over the fluid visualization in the viewport by providing various minor display options that aid in making the visualization of the simulation data more informative.
- *Project Link: summerofcode.withgoogle.com/archive/2020/projects/6016737583038464/*

PERSONAL PROJECTS

- **Rough Drift | C#, Unity** - *https://sriharsha2000.github.io/RoughDrift/*
  Designed and developed a real-time physics-based endless runner game made using C# and Unity3D game engine.
- **Simple PDF Editor | Python** - *https://github.com/sriharsha2000/Simple-PDF-Editor*
  Developed a small collection of python scripts to extract text, remove pages, and generate audiobooks from PDF files.
- **Auto Wash | Java, Android** - *https://github.com/sriharsha2000/AutoWashe*
  As one in a team of 3, designed and developed an Android app for providing an online platform for ordering and delivering eco-friendly car-washing service.

TECHNICAL SKILLS

Proficient with C, C++, Java, Python
Familiar with PHP, SQL, JavaScript, HTML, CSS, NumPy, Pandas, Tensorflow & Keras, GLSL, XML
Experienced with Android, Linux, Git, GitHub, Phabricator, Arcanist, Bash, Unity3D

ACHIEVEMENTS

- ACM-ICPC 2019-20 Asia Amritapuri Doublesite Regionalist (*ICPCID*)
- As one in a team of 4, participated in Google HashCode 2020 Online Qualification Round and stood at the 65th percentile among over 10000 teams from around the world.