Bharatesh Chakravarthi, Ph.D.,

Research Scholar, Virtual Environments Lab, GSAIM, Chung-Ang University, Seoul
Website | email: chakravarthi589@gmail.com

Teaching Statement

Dear Professor,   May 25, 2022

I aspire to be on a continuous learning curve through teaching practice at an academic institute. I have always enjoyed interacting with young minds which would enhance my thirst to know more and more. With a great impact from my teachers during my bachelor's and master's days, I opted for my professional career as a faculty with a great passion and love. With my five years of teaching experience and four years of research experience, I adhere to getting back to the teaching role always. Being a computer science engineering practitioner, I have engaged myself in the courses mentioned below with hands experience and like to share the knowledge I have gained over the period with fellow students.

Programming Languages	:	C/C++, Java, Python.
Virtual Reality	:	3D Models, 3D Interaction, AR/VR/MR/XR Technologies and Applications
Computer Graphics	:	Interactive Computer Graphics with WebGL, OpenGL, Visualization Toolkit (VTK)
Data Analytics	:	Data Visualization using Tableau, Data Analysis with R Programming
Networks	:	Data Communication, Computer Networks, IoT, WSN, Blockchain, Smart Contracts, Dapps, Blockchain platforms
Machine Learning	:	Neural Networks, Support Vector Machines

With the support of the hosting institution and external funding agencies, I aim to set up a research Lab/Group in the computer vision and virtual reality domain. I plan to assist graduate students to accomplish their degree requirements by carrying out quality research in their early stages of academics. I seek institution and external funding agencies' support to procure the resources required for carrying out in-house research and development.

Along similar lines, I wish to contribute to the open-source community and publish novel research work in reputed journals and conferences. Also, I have a couple of novel breakthrough ideas to get patented throughout the research tenure.

Sincerely,
Bharatesh Chakravarthi