Shyam Srinivasan

Biomedical Engineering Undergraduate

Education

- **Vellore Institute of Technology, Vellore** — *July 2013 - Present*

  B. Tech in Biomedical Engineering

  Cumulative GPA: **9.14**/10 | Student Academic Council representative

- **Technische Universität München** — *June 2015 - July 2015*

  Courses in Nanotechnology & Deutsch

  NanoSci and NanoTech: **A** Grade; Deutsch (A1): **A** Grade | 7 ECTS

Experience

- **oikos International** — *July 2015 - January 2017*

  Learning Circle Manager

  Latest: Panelist at **UN PRiME** Conference at IMC Krems, Austria

- **Akas Medicals Pvt. Ltd.** — *December 2015 - January 2016*

  Intern

  Hands-on Training and successfully completed an assigned project.

- **Erasmus+ YouthPass** — *October 2015*

  Mobility of Youth Workers

  Participated in a Learning Mobility Project from 23-26 Oct, 2015

- **Technische Universität München** — *June 2015 - July 2015*

  Laboratory Research and Training

  Implantable CNT-Based Biosensors for pH Detection in blood.

- **Medanta, the Medicity, Gurgaon** — *May 2012 - June 2012*

  Intern, Dept. of Internal Medicine
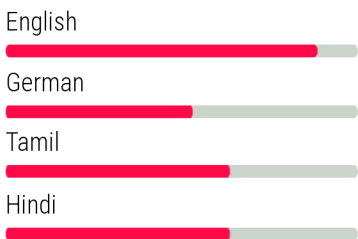
  Training with Hospital Equipment

Publications

- S. Srinivasan & D. Madathil, Proceedings of 8th CIBEC, IEEE (2016)

  3-D Computational Study of Blood Flow in Pathophysiologically affected Arteries simulated in OpenFOAM,

  doi.org/10.1109/CIBEC.2016.7836114

- Sat. Ghosh, et. al., Sustainable Design interventions for the built environment: A synergistic study of computational fluid dynamics and art

  Abstract: architecturemps.com/abstracts.

Details

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India 122002

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Male

DOB: 25th December, 1995

Nationality: Indian

Languages

English

German

Tamil

Hindi

Skills

MATLAB: Signal & Image Toolboxes

C/C++

Python

Microsoft Office

NI Multisim

GNU Octave

DSS Solidworks

SketchUp

FreeCAD

Autodesk Ecotect

EnergyPlus

OpenFOAM

Salome

Adobe Photoshop

GIMP

LaTeX