

GARGI K. ALAVANI

PERSONAL INFORMATION

Email garg.alavani@gmail.com
Address H No. 253/1 Tarwalem, Shiroda Ponda Goa
Contact (H) +91 (0832) 2306588 · (M) +91 8605185567

OBJECTIVE

Gain fundamental knowledge in my area of research.

WORK EXPERIENCE

Bits Pilani K. K. Birla Goa Campus
2016–Present JRF, BITS PILANI K. K. BIRLA GOA CAMPUS
Working under SERB-DST sponsored project entitled "Addressing Challenges in Application Development for Heterogenous Computing Platform for Speedup and Power Efficiency

Govt. college of Arts & Science
11-12 2015 Assistant Professor, GOVT. COLLEGE OF ARTS & SCIENCE — Khandola
Subjects Taught : Operating Systems, Information Technology , Information Systems & IT Entrepreneurship

Goa University
07-11 2015 Lecturer, GOA UNIVERSITY — Goa
Subject Taught : Visual Computing

Parvatibai Chowgule College of Arts & Science
Oct 2013- Jun 2013 Web Executive, PARVATIBAI CHOWGULE COLLEGE
Worked as a Web Executive and Software Developer wherein, I served as a medium between the client and the development team. I have managed a team of four people to develop web based applications for college. I also worked as a developer for projects developed for college library and inter-college events and conferences. I maintained the college e-learning website using the content management system Moodle.

EDUCATION

Masters of Technology
2013-2015 Goa University
CPI: 7.4 · *First Class* · Thesis: *Human Face Anthropometric Measurements Using Depth Camera*
Description: Thesis focused on development of a marker less automatic human face anthropometric measurement application using Microsofts depth camera Kinect. I was guided by Orthodontics department of Goa Dental College in order to develop an application which will act as pre-assessment tool. The dataset required for the problem included scanning human faces with the aid of Microsofts Kinect device. Nineteen standard linear measurements were taken between selected pairs of landmarks and results obtained were compared with methods traditionally used for the problem. .
Advisor: Prof. V. V. KAMAT

Bachelor of Engineering
2007-2011 Padre Conceicao College of Engineering
Percentage: 60 · *Computer Engineering Specialization* ·

PUBLICATIONS

- Dec 2015* Human face anthropometric measurements using consumer depth camera
- NCVPRIPG 2015* G. K. Alavani and V. Kamat, "Human face anthropometric measurements using consumer depth camera," 2015 Fifth National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG), Patna, India, 2015, pp. 1-4. doi 10.1109/NCVPRIPG.2015.7490001 URL <http://ieeexplore.ieee.org/stamp/stamp.jsp?>

COMPUTER SKILLS

- Basic* COMPUTER HARDWARE AND SUPPORT, Adobe Photoshop
- Intermediate* PYTHON, C#, HTML, L^AT_EX, CUDA, Linux, Microsoft Windows
- Advanced* C, C++, Java

OTHER INFORMATION

- Languages* MARATHI · Mothertongue
 KONKANI · Read Write Speak
 HINDI · Read Write Speak
 ENGLISH · Intermediate (conversationally fluent)
- Interests* Reading · Programming · Cooking · Palmistry · Photography · Painting

September 27, 2016