CURRICULUM VITAE

PERSONAL INFORMATION

Name	BALA, Dhinesh
Addresse	Wichernstraße, 18, 91052, Erlangen
Telephone	(49) 176 26149117
E-Mail	dhineshpsgmech@gmail.com
Nationality	Indian
Date of birth	02.04.1991

EDUCATION

▷ Period	09/2014–Present
○ Accquired qualifications	**Master of Science**
○ Institute	Friedrich-Alexander Universität Erlangen-Nürnberg
○ Major subjects	Computational Engineering (Computational Fluid Dynamics)
○ Grade	Avarage grade 3.1
▷ Period	05/2008–05/2012
○ Accquired qualifications	**Bachelor of Engineering**
○ Graduate school	Anna University, Chennai
○ Major subjects	Mechanical Engineering
○ Grade	Avarage grade 2.7
▷ Period	2006–2008
○ Accquired qualifications	**High school**
○ Major subjects	Physics, Chemistry, Mathematics
○ Grade	9.2/10

RESEARCH

▷ Bachelor thesis	"'Development of Automobile cooling system with Nano-fluids"' — PSG college of technology
▷ Bachelor Projects	"'Benchmarking of BELL grading machine"' — RANE TRW steering, India

JOBS

▷ Period	04/2015 – 04/2016
○ Employer	**FAPS - Lehrstuhl für Fertigungsautomatisierung und Produktionssystematik**,
	Erlangen, Deutschland
○ Employment	Research Assistant
○ Main responsibilities	- Development of Sharepoint applications
	- Sharepoint Designer
	- Development of Websites
▷ Period	05/2012 – 05/2014
○ Employer	**Cognizant Technology solutions**,
	Chennai, India
○ Employment	Programmer Analyst
▷ Project 11/2011 to 04/2012	**Development of Automobile cooling system with Nano-fluids**
○ Position	Research and Development
○ Main responsibilities	Simulated and implemented in the Automobile cooling system

ACADEMIC PROJECTS (M.SC)

▷ 03/2015	Monte Carlo Simulation in C++
▷ 05/2016	Finite Difference Method in Matlab und C++
▷ 06/2015	Improving computational efficiency by OpenMP and MPI
▷ 07/2015	Finite Element method in Python und C++
▷ 04/2016	Fluid flow simulation in OpenFOAM
▷ 05/2016	Finite volume method

ABILITIES

SOCIAL SKILLS

Volunteered in educating "Basics of computer working" to poor people

ORGANISATIONAL SKILLS

- Led a team of 6 members and won the award **"Fastesters"** in Cognizant

COMPUTER LANGUAGES

C++, Javascript, Python, Powershell Script, Fortran

SOFTWARES KNOWN

Microsoft Office, Matlab, OpenFoam, Solidworks, Solid-Edge, ANSYS,AutoCad, TeXMaker

HOBBIES

Cricket spielen, Kochen

LANGUAGES

MOTHER TONGUE

Tamil

FIRST LANGUAGE

English – Read: Expert level (C1), Write: Expert level (C1), Talk: Expert level (C1)

OTHER LANGUAGES

Deutsch – Read: Intermediate level (B1), Write: Intermediate level (B1), Talk: Intermediate level (B1)

ATTACHEMENTS

Transcript

Erlangen, June 8, 2016

Dhinesh, Bala