Curriculum vitae

Personal Information

FIRST NAME / SURNAME	Anuj Deshpande
ADDRESS	Krushnali, S.B. Road, Pune -16, IN
TEL	+91 94 22 314960
EMAIL	anujdeshpande92@gmail.com
NATIONALITY	Indian
DATE OF BIRTH	21.03.1992

Work Experience

DATES	May 2013 - September 2013
POSITION	Google Summer of Code Intern
RESPONSIBILITIES	Develop userspace libraries for embedded Linux platforms to make use of existing Arduino libraries and code
EMPLOYER	beagleboard.org
LINK	https://github.com/prpplague/Userspace-Arduino

DATES	May 2012 - June 2013
POSITION	Campus Ambassador
RESPONSIBILITIES	The Campus Ambassador program is designed to have a liaison between IBM and Academia to strengthen the collaboration and evangelise cutting edge technologies
EMPLOYER	IBM

DATES	November 2012 - March 2013
POSITION	Intern
RESPONSIBILITIES	Design and development of an embedded system for spectral analysis. Technologies used include EDA tools, linear algebraic methods with NumPy and Raspberry Pi board.
EMPLOYER	Oneirix Labs

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Education and Training

DATES	2010 - current
QUALIFICATION AWARDED	Bachelor's
PRINCIPAL STUDIES	Computer Engineering
INSTITUTION	Pune Institute of Computer Technology

DATES	2008 - 2010
QUALIFICATION AWARDED	Higher School Certificate
INSTITUTION	Fergusson College

Awards

- Hitachi Programmer's Marathon
  Stood first in a C/C++ coding competition in which over 8000 students participated
- Finalist at WHO Sanitation Hackathon
- Opus at PICT Impetus and Concepts
  Stood first for the project "Simple hand gesture recognition to control a media player"

Publications

- Smartphones and off-the-shelf hardware for 3D scanning
  Paper Published in IJSER Volume 4, Issue 12, December 2013 Edition (ISSN 2229-5518)

Presentations

- "WebGL API to render interactive graphics in HTML5"
  Comparison of various WebGL frameworks on different browsers on some of the commonly used operating systems
- "Hands on with Beaglebone Black and OpenCV"
  Conducted workshop at local hackerspace

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Presentations (cont.)

- "Building Robot Cars"
  Co-conducted a workshop on building a basic Arduino based rover
- Lightning talk on Beaglebone Black with Python at PyCon India '13.

Skills and Competences

LANGUAGE SPOKEN	English, Hindi, Marathi
OTHER LANGUAGE(S)	German
PROGRAMMING LANGUAGES	Python, C C++, Java, JavaScript, C#, .NET Mathematica, GNU Octave
HARDWARE	Beaglebone Black, Arduino, Raspberry Pi, Parallax Propeller
APPLICATIONS	Git, KiCad, SketchUp
FRAMEWORKS/PLATFORMS	OpenCV, OpenStack, Android, NumPy, WebGL
IDE	Eclipse, Visual Studio, Emacs
OPERATING SYSTEMS	*nix, Windows
DATABASE	MySQL, Oracle 10g & 11g

Projects and Reports

TITLE	Userspace Arduino
DESCRIPTION	Arduino environment and libraries for embedded Linux platforms
TECHNOLOGIES	C/C++, Bash

TITLE	Monthly Report
DESCRIPTION	Generating monthly reports of activities of college staff.
TECHNOLOGIES	JSP

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Projects and Reports (cont.)

TITLE	Kuz
DESCRIPTION	A CRUD applications for cattle management in a dairy.
TECHNOLOGIES	.NET, MySQL

TITLE	Graph Digitizer
DESCRIPTION	Set of functions to accept digitise a line chart from an image
TECHNOLOGIES	GNU Octave

TITLE	Report on *"Glove based utility for detecting hand"*
DESCRIPTION	movements
	Mapping hand movements to specific functions of a connected computing device

OTHER PROJECTS	GitHub

Extra Curricular Activities

- PICT Basketball Team
  2010 - 13
- PICT NSS Unit
  2010 - 13
- IEEE and ACM Student member
- Member of PICT Student Council
  2011 - 12