Aakanksha Parameshwar

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OBJECTIVE:

Applying for admission into Delft University of Technology's Master of Industrial Design program.

EDUCATION:

B.E in Computer Science and Engineering
B. M. S Institute of Technology
University: Vishweshwaraya Technological University, Belagaum
78.63%

Sept. 2010 – Jul. 2014
Bangalore, India

Higher Secondary Education
Sophia High School
Board: Council for the Indian School Certificate Examinations
80.83%

Apr. 2008 – Mar. 2010
Bangalore, India

Secondary Education
Cluny Convent High School
Board: Council for the Indian School Certificate Examinations
90.71%

Apr. 2004 - Mar. 2008
Bangalore, India

COLLEGE PROJECTS/ WORKSHOPS:

Analysis of Various Face Recognition Algorithms

Feb. 2014 – May. 2014

- Conducted an extensive research on face recognition to gain insight into the existing face recognition algorithms and the challenges they offer.
- Implemented four face recognition alogrithms namely Principal Component Analysis (PCA), Linear Drscriminant Analysis (LDA), Scale Invariant Feature Transform (SIFT) and Line Edge Map (LEM) in Python and OpenCV using libraries like Numpy, Python Imaging Library (PIL) and Matplotlib to perform complex matrix manipulations and image processing.
- Designed and developed a web application for users to test, analyze and compare these algorithms.
- Used static face databases, 'Yale Database A' and 'ORL Database' for testing purpose and provided various test cases like 'glasses test', 'expression test' and 'Single Image Test' to allow users to test an algorithm effectiveness in solving face recognition challenges.

Textor - A Computer Graphics Mini Project

Feb. 2013 – May. 2013

- Developed a simple text editor using C++ and OpenGL which provided functions like change font color, cut, copy, paste, delete, undo, redo, and save.
- Designed multiple graphic wallpapers for the editor which could be customized by the user.

Building Autonomous Robots using Logic gates Mar. 2011

- Attended a 2 day workshop on building a line follower robot using logic gates.

WORK EXPERIENCE

Abyeti Technologies Pvt Ltd, *Bangalore, India* Jul. 2014 – Present
Technical Associate (Developer)
Clients: Kaiser Permanente, Telecom Malaysia, Aricent, Vivint, CenturyLink, CACI International Inc

- Contributed towards development of two main products Visionael Network Resource Manager (NRM) and Visionael Service Manager (VSM) through many feature-additions and bug fixes.

- Delivered six library patches for NRM which required a thorough knowledge of the application and some non-application specific data to add new devices to library and to port devices from an older version of application to newer one.

- Single handedly maintained VSM product after a core team member handling that product left the company.

- Developed and delivered a demo of VSM for CACI which involved bug-fixes in current code as well.

- Was the Abyeti Organization committee head for 8 months and Organized various entertaining events for Abyeti employees.

- Out of interest, designed and presented logo designs for Codeground (www.codeground.in), an independent product by Abyeti.

- Designed a poster for a recent test on codeground using Adobe inDesign.

Abyeti Technologies Pvt Ltd, *Bangalore, India* Feb. 2014 – May. 2014
Intern
- Worked on backbone.js to build a property inspector for one of the products maintained by Abyeti for client 'Visionael'.

- Was introduced to front end languages like coffeescript, sass, icefaces during the same time.

- Successfully completed plenty of assignments on Core Java especially on concepts like Servlets, JSP's, Generic functions, JDBC/ODBC Access, Reflections.

Campus Diaries, *Bangalore, India* Jun. 2013 - Aug. 2013
Front-end Design Intern
- Learnt responsive design using books by Designed and developed an web UI for Campus Diaries about page ()

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SKILLS

Programming	Platforms	Web Design	Databases	Design Software	Servers
• C • C++ • JAVA • Python • OpenCV	• Windows XP, 7, 8 • Linux/ RHEL6 • Ubuntu	• HTML • CSS • JavaScript • Backbone.js • Flask web framework	• Oracle • MySQL • Postgres	• InDesign (Beginner) • PhotoShop (Beginner)	• Glassfish • TomCat

EXTRA CURRICULAR ACTIVITIES

- UTSAHA is an Inter-college Fest organized by BMSIT every year. I was an active member of the UTSAHA poster committee for two years (2011-2012).

- Won first prize in pencil sketching at UTSAHA 2013 and second prize in shuttle badminton at UTSAHA 2011.

- Won first prize in Pushpa Alankara competition at ISKON (International Society for Krishna Consciousness) Heritage Fest.

- Won Runner up prize for dumb charades at ANADYANTA'11, an Inter-college Fest organized by Nitte Meenakshi Insitute of Technology, Bangalore, India.

- Was a member of Sophia High School Brass Band, during 11th and 12th grade and my instrument was Bugle.

- Volunteered in community service groups such as the NSS (National Service Scheme) at BMSIT and Bala Janaagraha during school days.

HOBBIES

Sketching, cooking, art and craft, herbarium, designing dresses.

REFERENCES

Dr. Thippeswamy G.
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BMS Institute of Technology,
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Srinath Gunasekaran
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I hereby declare that the above information is true to the best of my knowledge.

Signature