**CARL SALDANHA**

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**OBJECTIVE**

To work as a designer and develoepr

**EDUCATION**

Bachelor of Technology, University of Mumbai, through Saint Francis Institute of Technology, Mumbai, India. Expected graduation June 2014. (Average GPA for six semesters 3.82)

**STARTUP**

* Co-Founder and Lead Programmer of Gradhat (2013)[[link](http://www.grad-hat.com/)]

Gradhat helps connect teachers and students. A website is being developed to allow teachers to answer students’ questions. In turn it shows teachers where students have the most doubts and problems. It also allows the teachers to host their lectures. (Java and PostGRESQL)

**INTERNSHIPS**

* Software Developer at Edutek Infosystems, Mumbai (2013)

Edutek creates digital solutions for schools and colleges. The team created a system by which teachers could conduct tests, grade their students and print report cards. It is currently running in 12 institutions in India. (PHP and MySQL)

* Graphic Designer Indian International Model United Nations (IIMUN) (2012) [[link](http://www.iimun.in/)]

IIMUN is Asia’s largest Model United Nations with over 4000 delegates from several countries. The team created graphic designs for the conferences as well as the website.

**RESEARCH PROJECTS**

* Learning a Language for Creative Tasks (2013) [[link](http://warse.org/pdfs/2013/icetcsesp%2010.pdf)]

Paper presented at the International Conference on Emerging Trends in Computer Science and Engineering, 2013. Created a system by which robots could create a language and describe tasks. Using machine learning all the robots eventually converge on a language and attempt to develop a more complex explanation of the world around them in order to perform tasks.

* Computational Creativity: Digital Poems (2013)

This attempts to check whether computers can understand any given topic. The data about the topic is sourced from the internet. It attempts to allow computers to describe the topic through poetry. The aim is to make a computer produce creative poetry that is relevant to the topic.

* Sentiment Analysis Using Maximum Entropy Classification (2012)

To judge the sentiment of the public on particular topics we used Maximum Entropy Classification. Using Twitter as the database we were able to determine overall sentiment from individual tweets. Based on overall sentiment we also detected sarcasm prevalent in tweets.

**WEBSITES CREATED**

* Indian Photography Edition [[link](http://www.indianphotographyedition.com/)] (2013)

A site for photographers to share their photos and collaborate with one another. Backend programming PHP and MySQL

**APPLICATIONS CREATED**

* Beats Mixer (Windows Phone) [[link](http://www.windowsphone.com/s?appid=ac277ed6-70aa-4b14-a2ae-afa9b6ba0ee9)] (2012)

A music application that allows users to mix various loops and sounds to create and share music easily.

* Mumbai Train Timetable (Windows 8) [[link](http://apps.microsoft.com/windows/app/mumbai-train-timetable/19c79ae3-d945-4a96-8ca0-6500588fbbe2)] (2012)

4 million people travel by Mumbai Trains daily. This app provides easily readable train schedules.

* Cows & Bulls (Windows Phone)[[link](http://www.windowsphone.com/s?appid=0b980058-8db2-4e35-a1f5-caf83458fbee)] (2011)

A simple mathematical game for two players. Players try to guess each other’s numbers using logic and math. Players can also test their ability against the computer intelligence.

**LEADERSHIP ROLES**

* Microsoft Student Partner from the year 2012 to Current

Taught students and gave presentations on Windows phone programming and .NET and C#

* Computer Society of India Technical Head (2012 – 2013)

Taught students application programming in Android. Also core programming in Python

* St Francis Institute of Technology E-Cell Council Member (2012 to Current):

Gave seminars on entrepreneurship and networking

* Website Head of Iris 2012-13 (Cultural Festival of St. Francis Instititute of Technology)
* Technological Head of Mosaic 2012-13 (Technical Festival of St. Francis Instititute of Technology)

**CERTIFICATIONS / COMPETITIONS**

* Winner I Unlock Joy (2011) : Microsoft Competition for App Creation
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* MCP 70-480 (2013): Microsoft Certification for programming Windows 8 apps with HTML and JavaScript

**TECHNICAL SKILLS**

* Programming Languages : Java, C#, C++, PHP, Python, Android, HTML, JavaScript, .NET
* Web Technologies: Play Framework! , CodeIgniter, Laravel, jQuery
* Other Software: Adobe Photoshop, Adobe Illustrator, Adobe Flash, FL Studio, Matlab

**EXTRACURRICULARS**

* Participated and Won in Veermata Jijabai Technological Institute(VJTI) Code Maestro Competition 2013
* Attended workshops on Ethical Hacking, Windows Phone Programming, Windows 8 Programming, User Interface Design
* Represented the College in Basketball