CHANDIMA FERNANDO

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Career Objectives

Gather deeper knowledge on computer science theory.
Achieve career success on computer science research.
Be a Computer Scientist and work for a top research position in a world class company.

Skills

Core Skills

- Ability to visualize a given problem.

- Think hard on a problem until a suitable solution is arrived.

- Good understanding on computer science concepts.

- Despite failures, ability to try out different methods in order to arrive at the optimal.

- Fast learner , Team worker

Technical Skills

- Programming Languages : Python mainly & experience in Java and C

- Web/Scripting : JavaScript , HTML & CSS

- Experience in using python libraries eg: Numpy & Scipy

- Exposure on MATLAB and R

- Familiar IDEs : IDLE for python, Eclipse for Java and WebStrome in web development

- Content management systems : Joomla, Moodle and Plone

Experience

Research Experience (2013 to present)

4th year individual research:

Topic Model Approach for Lyrics Based Song Classification.

- Topic Model is a statistical model for identifying latent topics in a large document collection.
- The latest development is Latent Dirichlet Allocation(LDA).
- The research will use LDA model to uncover the latent topics in song lyrics and ultimately will classify them according to a set of moods.
- Intend to do two publication by 15th of October for LRCE & by December for EACL conferences.

Project Experience (2012-2013)

3rd year group project:
TrafficMate

- A member of the 3rd year group project TrafficMate, which is an Android OS based software for mobile phones where it uses the sensors on the mobile device to identify & inform traffic congestions
- I was the concept provider for the code of the project and the project went on to win awards and represent Sri Lanka in International Competitions
- 2nd place in NBQSA under the tertiary category : http://www.nbqsasrilanka.org/winners_2012
- Represent Sri Lanka in WSA-mobile competition in 2012 http://www.wsa-mobile.org/winner/trafficmate-81120121016
- Represented Sri Lanka in APICTA 2012 held in Brunei http://www.nbqsasrilanka.org/APICTA2012
- The short paper was published in ICTer conference http://www.icter.org/conference/icter2012/paper/122

LMS for NISD

A team member of the project initiated to develop a web based learning assistant system for the National Institute of Social Development.
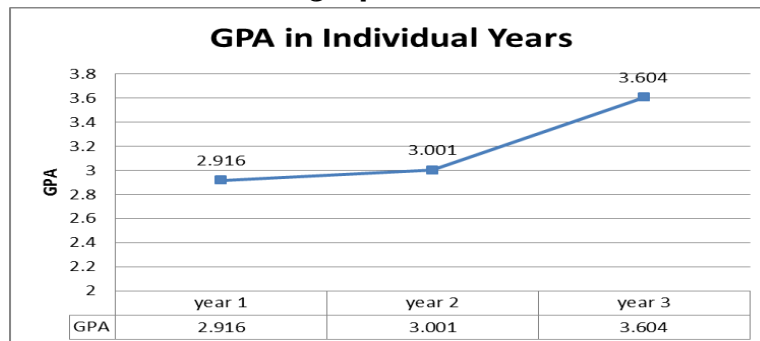
Free Lancer Work
Designed web sites for customer demands but stopped doing it in the 3rd year of the university since I had to focus more on studies.

Industry Experience (2012-2013)

Internship at London School of Marketing:

- 6 months internship (Extended up to 10 months)
- Worked as a developer under the following projects.
  StarPassPro : A distance learning app for CIMA exams
  ARU app   : Ipad app related to Anglia Ruskin University.
- Main experience on using OO Javascript for Ipad app development.

Education	**University of Colombo School of Computing (2009-2013)**

Expecting BSc(4 year degree) in 2013 December

Current Overall GPA : **3.14**

Interesting Courses Followed :

2ⁿᵈ year	Numerical Computing
	Statistical Inference for Computing
3ʳᵈ year	Neural Networks
4ᵗʰ year	Bio-Informatics
	Natural Language Processing
	Artificial Intelligence
	Pattern Recognition

Maris Stella College, Negombo (1995 – 2008)

GCE A/L (2008) : 1 A (English) 2 B's (Physics & Chemistry)
                 1 C (Combined Mathematics)

Professional Qualification

Charted Institute of Management Accountants (CIMA)

Successfully completed up to Strategic Level

Extra-curricular Activities

Outside university

- A volunteer at sl2college which is an volunteer driven organization for providing guidance to Sri Lankan students for higher education.

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In university

- A member of University of Colombo Tae Kwon Do team and two times color holder.
- A member of Microsoft Student Champs community.
- A member of IEEE student branch in UCSC. Experience on the IEEE Xtreme code camp which is an annual global event of IEEE.

In School

- A member of Maris Stella College hockey team& represented the school for 5 years.
- A committee member of Maris Stella College Science Union and played a big role for the success of the science union.

Personal Details

Name in Full	: Warnakulasuriya Chandima Thilina Fernando
Gender	: Male
Age	: 24 years
NIC	: 890850766 v
Nationality	: Sri Lanka

Non Related Referees

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