

THILINA PREMASIRI

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Profile

I am a self-motivated and passion driven individual who strive to carve my own path in the industry. I am ready to take up any challenge and willing to pursue the success by any ethical means.

Career Objective

To pursue a highly rewarding career in Computer Science and Engineering, seeking for a position in challenging and healthy work environment where I can utilize my skills and knowledge efficiently to achieve personal as well as organizational goals.

Academic Qualifications

- Department of Computer Science and Engineering, University of Moratuwa.
 - 4th year undergraduate
- Ibbagamuwa Central Collage
 - Passed GCE A/L 2009
 - Passed GCE O/L 2006 with 10 A passes

Experience

- **Arimac (Pvt) Ltd. (November 2013- May 2014, Trainee Software Engineer)**
 - Flight Simulation for Emirates Airlines
Link : <http://goo.gl/W5zBga>
Technologies: Unity3D, Kinect
 - Hambanthota Heritage Virtual Tour
Link : <http://goo.gl/RhwgSW>
Technologies: Unity3D, Leap Motion, OpenNI
 - Adventures of Tia
Link : <http://goo.gl/Rv1FRO>
Technologies: Unity3D, Leap Motion, OpenNI
 - Luminary- A MMO game for MAS holdings.
Link : <http://goo.gl/fEj8l6>
Technologies: JASON, C#, Gamification, MongoDB
 - Kedapatha 2.0 – Low cost touch input system for large scale screens
Link : <http://goo.gl/Qe9sID>
Technologies: TUIO
 - Rocell 3D bathware planner
Link : <http://goo.gl/BReXpt>
Platforms : iOS, Android, Web

- MyMooMobile – An online multiplayer game for Moo milk.
Link : <http://goo.gl/uw7f7z>
Platform: Web
- Flight Simulation for Sri Lankan Airlines
Link : <http://goo.gl/4ujl7S>
Technologies: Unity3D, Kinect
- Coca-Cola Management Assistance System
Technologies: .Net, DevExpress, Microsoft SQL management studio

In all above mentioned projects, I worked as the lead developer of the team.

- **Freelance Game Developer**

I worked as a freelance game developer since 2012 in my leisure time. I have served over 100 customers all over the world with mini game projects (Android, iOS, Web, Windows). I developed a lot of social skills like how to work with clients, communication skills, project management, Time managements.... etc.

Link : <http://goo.gl/ulla8J>

This link contains some screenshots of my works: <http://goo.gl/zpsjKC>

Academic Projects

- **“Warana”** Recruitment helper for enterprises (Final year project)
The objective of this project is automating the process of analyzing CVs received by enterprises from candidates and sorting them according to the relevance for a particular vacancy.
Core functions:
 - Information extraction from unstructured text
 - Key term extraction
 - Aggregated profile generation
 - Graph similarity
- Adaptive gesture recognition framework for mobile applications
Link : <http://goo.gl/sR87be>
- **KDD Cup 2014**
 - Predicting Excitement at DonorsChoose.org
This was a data mining project and we had to predict which projects will receive the donations from the project list come to the DonorsChoose.org.
 - **Higgs Boson Machine Learning Challenge**
This project is based on applying machine learning principles to do predictions on High Energy Physics Experiments

Technologies: Data Mining, Information Retrieval, Weka, Java

- Content based access control system for **Moodle**
- Realistic wave behavior for **Jmonkey** engine.
Link : <http://goo.gl/a6wP4C>
- **Hacking JOSH**
Operating System which have a simple kernel and a simple shell which can show hardware details of a computer
Technologies –x86 Assembly

- Path Following Robot
- AI driven multiplayer tank game

Publications

- **Sentence Similarity Measuring by Vector Space Model**
ICTer 2014 Colombo

Achievements & Extracurricular Activities

- **IEEEExtreme** programming competition successfully completed in 2012,2013
- **CSE outreach** – Central province coordinator
- Sports – Karate
- **Treasurer of ICCIANSUOM** (past pupils association of Ibbagamuwa Central Collage in University of Moratuwa)
- Organizer: Dayata Kirula 2012 CSE's exhibition stall.
- IEEE Student member
- IESL Student member
- Won School's best performer for A/L in Math stream

Interests

Technological

- Game development
- Mobile application development
- Artificial Intelligence
- HCI

Other

- Video games
- Graphic design
- Swimming

Referees

Chamira Prasad Jayasinghe

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Eng. N. H. Nisansa Dilushan de Silva

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I hereby certify that the above mentioned details are true and accurate to the best of my knowledge.

Thilina Premasiri

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