Risith Ravisara

**Profile**

I am a committed and driven undergraduate who is seeking an internship opportunity to improve my skills and contribute to the success of software development projects, while gaining exposure to progressive technologies. I am able to utilize sound organization and planning skills to deliver assignments within set timeframes and to a high quality standard.

**Contact**

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github.com/RisithPerera

**Education:**

**2016 – PRESENT | Faculty of Engineering, University of Peradeniya**

Cumulative GPA = 3.24/4.00

**2015 – 2016 Comprehensive Master Java Developer at IJSE, Panadura**

**2002 - 2015 Sri Sumangala College, Panadura**

2015 G.C.E. Advance Level Examination - Combined Maths (B), Physics (A), Chemistry (A)

2012 G.C.E. Ordinary Level Examination - Obtained distinctions (A) for all the 9 subjects

**Projects:**

* **Final Year Project**
* **Sanasa Society Bank System (Group) (JavaFx/MySQL)** - This project is developed to manage members and their Loans transactions, deposits. As well as special attention was given to the analytical reporting part.
* **eZWaste(Group)** - An IOT based garbage collection management system.
* **Particular227 - (Group) After Effect Plugin January – May 2019**
  + A Particle simulation plugin development for Adobe after effect
  + Tech: C++, AE SDK, OpenGL
* **NeGII – (Group) Interactive Inhaler June 2018**
  + Devolved an Interactive Inhaler for Asthma Patients on ACES HACKATHON, 2018
  + Breath controlled game that keeps track of Patient’s regular intake of medicine.
  + Hardware part based on microcontroller based sensor readings while software part consist of the game and the interface
  + Utilized: AVR programming, Java
* **Pharmacy Shop Billing System (JavaFx/MySQL) -**
* **Renting Car Management System (JavaFx/MySQL)** - Mainly, this system is focused on making reservations and manage each vehicle in the business. This is a server based software which implement by Java RMI. Database is completely designed by me using java.io (Still Developing)

**Professional Experience**

* April 2018 – Present Woks at fiverr as a freelancer
  + <https://www.fiverr.com/pixnetics>

**Skills:**

* Programming Languages (In order of fluency): Java, C, Python, MatLAB, Android, C++
* Database Management: MySQL
* Web: HTML, CSS
* Hardware Oriented Programming: Verilog HDL, Arduino
* Animation & Video Editing: After Effects, Premier, Photoshop, Cinema4D

**Events and Competitions**

* **Aces Hackthon 2019** – Mushroom Cultivation Control System.
* **Aces Coders 2018** - 21st Place out of 100
* **IESL Techno 2018** - Representing University of Peradeniya
* **Aces Hackthon 2018** - Wireless Web Based Pet Feeding Machine.
* **SLIIT Robofest 2017** - Maze Solving Robot.
* **Aces Hackthon 2017** - Wireless Web Based Audio Mic System.
* **SLIIT Codefest 2014** – Android Platform Game.

**Extra-Curricular**

* **2020 August – Present** Aces Committee Member
* IET (Institute of Engineering Technology) Member
* 2017 Arunella Volunteer Teaching Program

**Interests:**

* Games Developing
* Machine Learning/ Al
* Data Analytics & Visualization
* Computer Animation & Video Editing

**References**

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| Dr. Dhammika Elkaduwe  Head of the Department  Department of Computer Engineering  Faculty of Engineering  University of Peradeniya  Email: dhammika@ce.pdn.ac.lk | Dr. Roshan Ragel  Senior Lecturer  Department of Computer Engineering  Faculty of Engineering  University of Peradeniya  Email: roshanr@pdn.ac.lk |