

Education

Undergraduate

University of Colombo School of Computing

- Bachelor of Science in Computer Science, Current GPA : 3.4
- Research (4th year) - Is it possible to build a user profile using publicly available social media data ?
- Literature review (3rd year) - Web link mining.
- Selected Modules in 4th year :High Performance Computing, Bioinformatics, Natural Language processing, Advanced Concepts of Software Design and Development, Advanced Database Systems
- Selected Modules in 3rd year :Networking Technologies, Data warehousing/ Data mining and Information Retrieval, Compilers and Automata Theory, Cryptography Systems

Student

St/Anne's College, Kurunegala

- GCE Advanced Level : Physics - A, Chemistry - B, Combined Maths - C, General English - B

Experience

Software Engineer intern

Virtusa Corporation

2014 August - 2015 February

- Member of a team that ported a PHP application to Java servlet based platform.
- Developed a module in java to accept set of test parameters and generate test cases for them.
- Devised an algorithm to generate test cases for complex test parameter statement.

Projects

- **Train Buddy** - Android app to view real time status (location, speed) and schedule of trains in Sri Lanka.
 - Schedule and ticket prices are collected from the ICTA's railway service API.
 - Process of getting the train status works the way a torrent works, except here users seed/leech real time status data which obtained through GPS of the users' devices (Available only in beta release).
 - Uses Parse (parse.com) as backend for posting/getting location data, through parse SDK.
 - Google Play (Stable) :play.google.com/store/apps/details?id=com.kasungamlath.trainbuddy
 - Google Play (Beta) :play.google.com/apps/testing/com.kasungamlath.trainbuddy
- **Dimple for Hacker News** - Android app for reading the HN website (news.ycombinator.com).
 - Data is collected from HN firebase (official) API.
 - Images are obtained by analyzing the article in my own heroku app which utilizes python-goose.
 - Google Play (Stable) :play.google.com/store/apps/details?id=com.kasungamlath.hackernews

Technical skills

Comfortable :Java, Python, Android

Basic :MySQL, PHP, Javascript, Git

Achievements

- Passed the qualification round of Google Code Jam 2013 and 2014
- Participated IEEEExtreme Programming Competition 6.0 and 7.0
- Attended National Cadet Corps annual assessment camp 2007

Interests

Text mining, Article extraction, Natural Language processing, Crowdsourcing, Flock pattern mining, Linux, Machine Learning, Blogging, Green Earth, Electric Cars.

Hobbies

Running, Cycling, Reading, Travelling, Collecting Books, Watching Movies, Programming, Playing Carrom/ Table tennis and Badminton, Swimming.