Anjana Senanayake

Curriculum Vitae

About Me

Currently I am an undergrad who follows a degree in Computer Engineering while in leisure directs my curious mind to explore and learn various fields like Machine & Deep learning, Pure mathematics, UI/UX developing, Android developing, Astronomy, IoT, Ethical hacking etc. Inspired by the progress achieved by these fields in past decades drives me to be a part of the next generation who will carry the light on.

Interests

Machine & Deep Learning
UI/UX Developing
Android developing
Pure mathematics
Astronomy
Ethical hacking

Language Skills

English – Profe. working proficiency
Sinhala – Native proficiency

linkedin.com/anjanasenanayake
Linkedin

github.com/AnjanaSenanayake
Github

stackoverflow/anjanasenanayake
Stack overflow

anjanajayabandara@gmail.com
Email

+94710442689
Phone

Education

2015 – Now Bsc in Computer Engineering
University of Peradeniya
Current GPA – 3.45(Semester 5)

2006 – 2014 Secondary Education
Trinity College Kandy

Experience

2018 – Now Team CrunchCodes
Founder
Android App Developer

Achievements

2018 ihack 4.0v, UCSC
1st Runners up
Project - Radiobook

2018 4IR Hackathon, SLASSCOM
Successful participation
Project – Gedara Idan

2018 ACES Hackathon, Faculty of Engineering, UOP
Successful participation
Project – Telepresence Robot

2017 ACES Hackathon, Faculty of Engineering, UOP
Successful participation
Project – Fat to Fit

2014 G.C.E Advanced Level Examination
Passed all 4 subjects sat with 3 distinction(A) and a very good pass(B)

2012 K.B Sangakkara Memorial Scholarship
Awarded for the academically promising top students in the A/L section

2012 Best Students Prize, Edu. Ministry of Central Province
For top performances in G.C.E O/L examination

2011 G.C.E Ordinary Level Examination
Passed all 9 subjects sat with distinctions(A) for all

Projects

2018 ● Radiobook – NLP Project
Technologies – Standford CoreNLP, Text to Speech, Maven
Contribution – Developed a TTS module to read textbooks with different voices,
Minor fine tunings to Standford Core NLP

2018 ● Automated Fishing Bot – Embedded Systems Project
Technologies – NodeJS, Express, AngularJS, JavaScript, HTML, CSS, MongoDB,
Arduino, Raspberry Pi
Contribution – Developed the frontend and backend for the Server,(REST APIs,
Middlewares, Web App, Database, Validations), Programed relay node to server data
push, Implemented MQTT protocol for relay node – server communication.

2017 ● Packet Forwarding Simulator – Software Project
Technologies – Java, JavaFX, GraphStream, Git, Maven
Contribution – Developed the whole UI/UX for the simulator, Integrated UI with the
simulator, Software testing, Deploying of simulator software.

2017 ● Gedaraldan App – Software
Successful participation
Contribution – Contributed on developing the app

2017 ● mPay – Database Systems Project
Technologies – Android, MySQLlite
Contribution – Implemented a part of a normalized relational database

Mini - Projects

2017 ● CPU
An implementation of the ALU, registers, program memory, cache and RAM using the
behavioral model of Verilog HDL

2017 ● ALU
An implementation of the complete ALU and registers using the gate model of Verilog
HDL

2017 ● Basic Image Manipulation
Basic image manipulation app in ARM assembly

2017 ● Fractals
Multi-threaded application for fractal visualization in JAVA

2017 ● Auction Server
Multi-threaded socket server for stock auctions in JAVA

2016 ● Who is speaking
A speaker identification software with basic signal processing techniques

2016 ● Optical music instrument
An instrument that trigger music notes due to optic distortions

Extra - Curricular

2016 - Now ● Ceylon Dramatic Society, University of Peradeniya
Member, Won 1st place for crew in Lullaby, Dramsoc 2016

2017 - Now ● Hackers Club, University of Peradeniya
Member

2013 ● Vice Secretary of Sinhala Literary Union, Trinity College, Kandy

2006 - 2009 ● Annual Sports Meet, Trinity College, Kandy
1st Place in 15x100m(2006 - 2009), 1st Place in 4x100m(2008)

Computer Skills

Programming Languages (In order of fluency)	Java, C, MATLAB
Programming Languages (Familiar)	Python, bash
Web	HTML, CSS, JavaScript, PHP
Mobile Programming	Android
Frameworks/Technologies (Familiar)	JavaFX, NodeJS, Express, AngularJS
Version Control	Git, Github
Graphics / Video	Adobe Photoshop, CorelDraw, Adobe Animate
Operating Systems	Linux, Microsoft Windows, Android
Databases	MySQL, MongoDB
Hardware-oriented Programming	Arduino C, Verilog HDL
Procedural Programming	ARM Assembly
Documents / Type Setting	MS Office/ Libre Office
Theoretical Knowledge	Machine Learning & Data Mining, Data Structures and Algorithms, Computer Architecture, Computer Networks

Referees

Dr. Roshan Ragel
Senior Lecturer,
Department of Computer Engineering,
Faculty of Engineering,
University of Peradeniya,
Sri Lanka.

Dr. Isuru Nawinne
Lecturer,
Department of Computer Engineering,
Faculty of Engineering,
University of Peradeniya,
Sri Lanka.