



Anjana Senanayake

Curriculum Vitae

About Me

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 Artificial Intelligence, Machine learning, Astronomy, Android developing, Unix, Ethical hacking, etc. Inspired by the impossibilities achieved by these fields in past decades drives me to be a part of the next generation who will carry the light on.

Interests

Artificial Intelligence
Machine & Deep Learning
Android developing
Backend Development
Computer Security
Astronomy

Language Skills

English – Profe. working proficiency
Sinhala – Native proficiency



[anjanasenanayake.github.io](https://github.com/AnjanaSenanayake)
Portfolio



[linkedin/anjanasenanayake](https://www.linkedin.com/in/anjanasenanayake)
Linkedin



github.com/AnjanaSenanayake
Github



[stackoverflow.com/anjanasenanayake](https://stackoverflow.com/users/10442689/anjanasenanayake)
Stack overflow



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Email



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Phone

Education

- 2015 – Now** ● Bsc in Computer Engineering
[University of Peradeniya](#)
Current GPA – 3.48(Semester 7)
- 2006 – 2014** ● Secondary Education
[Trinity College Kandy](#)

Experience

- 2019 Feb - July** ● Proavos Labs Pvt Ltd
[Trainee Software Engineer](#)
- 2018 – Now** ● Team CrunchCodes
[Founder](#)
Android App Developer

Achievements

- 2019** ● Brainstorm 2019, UOM
[2st Runners up](#)
Project – Mobile genomics
- 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

- 2020** ● Arogya – Health Service Platform
[Technologies – Android, Node.js, React.js, Git](#)
Contribution – Team Leader, Design of the system, Collaborative development of Arogya mobile app, developed the backend
- 2019** ● Mobile Genomics – Bioinformatics Project
[Technologies – Java, Android, C, Vaddin, Maven, Git](#)
Contribution – Developed the f5n-server and the MinIt module in the f5n android app
- 2019** ● Flexibus – e-Ticketing Platform
[Technologies – Android, React Native, SQL, Node.js, Git](#)
Contribution – Developed conductor side app and the backend
- 2018** ● USB Interface – Hardware Project
[Technologies – Proteus, C](#)
Contribution – Simulated 16x8 I/O board communication with USB via PIC18F4550
- 2018** ● Radiobook – NLP Project
[Technologies – Stanford CoreNLP, Text to Speech, Maven, Git](#)
Contribution – Developed a TTS module to read textbooks with different voices, Minor fine tunings to Stanford Core NLP
- 2018** ● Automated Fishing Bot – Embedded Systems Project
[Technologies – Node.js, Express, Angular.js, JavaScript, HTML, CSS, MongoDB, Arduino, Raspberry Pi, Git](#)
Contribution – Developed the frontend and backend for the Server, (REST APIs, Middlewares, Web App, Database, Validations), Programed relay node to server data push module, 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 – Mobile application
[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 (Individual)

- 2016 - 2017** ● Optical music instrument
CPU & ALU Simulator with Verilog
Multi-threaded Auction Server in Java
Simple Image Manipulator in ARM Assembly

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, Python, C, MATLAB
- Data Science Technologies**  R, Tensorflow, Turicreate, Scikit-learn, Keras
- Web**  HTML, CSS, Javascript, PHP
- Mobile Programming**  Android, React native
- Frameworks/Technologies** (Familiar)  JavaFX, NodeJS, Express, React
- Version Control**  Git
- Graphics**  Adobe Photoshop, CorelDraw
- Operating Systems**  Linux, Microsoft Windows, Android
- Databases**  MySQL, PostgreSQL, Oracle, MongoDB
- Hardware-oriented Programming**  Arduino C, Verilog HDL
- Procedural Programming**  ARM Assembly
- Documents / Type Setting**  Latex, MS Office, Libre Office
- Theoretical Knowledge**  Machine & Deep learning, AI, Data Structures and Algorithms, Computer security

Referees

Prof. 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.