MADHUSHAN RAMALINGAM
Computer Engineering Undergraduate

As a continuous practitioner of software engineering principles and good programming skills I can add more value to any team or organization I work with. I can apply the fundamentals of computer engineering in real world applications by improvising technical skills and the knowledge of new technologies.

+94 77 9485 724　　madhushan.ramalingam@gmail.com　　github.com/drmadhushan　　hackerrank.com/drmadhushan

No:191/28, Srimath Kudarathwatta Mawatha, Kandy.　　linkedin.com/in/madhushan-ramalingam　　twitter.com/drmadhushan

English (Professional)	Tamil (Native)	Sinhala (Professional)

Professional Skills

� Python　　✳ Node JS　　✳ Java　　✳ JavaScript　　✳ C Language　　✳ MySQL　　✳ React　　✳ Django
✳ Express　　✳ Electron　　✳ Scrum　　✳ Azure DevOps　　✳ GitHub　　✳ AWS

Soft Skills

✪ Teamwork　　✪ Problem Solving　　✪ Presentation　　✪ Critical Talk　　✪ Communication　　✪ Adaptablity
✪ Active Listening　　✪ Empathy　　✪ Work Ethics

Achievements & Memberships

- **Ranked 3rd** in the district and **55th** in the country in GCE Advanced Level with a Z-Score of **2.4058**
- **Ranked 37th** out of 150+ teams in Hacktitude 2022, A Software development-based hackathon hosted by 99x.io
- **Awarded as the best student** in physical science stream leading to engineering career for the year 2017 at St. Anthony's College.
- **Worked as a team leader** at iGTe sales AIESEC in Kandy
  - *lead a team to achieve monthly targets on customer realizations, conducted meetings with external companies and pitched about products.*
- **Worked as a casual instructor** for computer engineering courses at department of computer engineering, University of Peradeniya. (GP106 - Computing, CO223 - Computer Communication Networks)
- **Worked as a Junior software engineer** at SternX Engineering PVT LTD
  - *Flutter based projects and customized identity server project*
- **Worked as a distributor** at DSP Kandy Marketing, Sri Lanka (a food service distributor for CW Mackie PLC)
  - *Field experience in supply chain network, handled customer demand and supply in food service*
- **Volunteering as a member-in-charge** for student web pages and quality content at Web Consultation Team, University of Peradeniya
  - *Worked as a team to address the problems and take administrative decisions to solve them*
  - *Analyzed and suggested SEO and web quality enhancement guidelines to Gulf University Sanad, Bahrain.*
- **Volunteered as the editor** for the annual magazine of Hindu Students' Union, St. Anthony's College, Kandy.
  - *Worked in different phases of editing a magazine such as designing, moderation of content and advertisements.*
- **Member of College Basketball team** of U13, U15 and U17
  - *Represented St. Anthony's College as a Basketball player in District level and National level tournaments.*
  - *Won championship in inter-house sports meet, Won runners-up in district level inter-school tournament.*

more…

Projects

- **Smart Inventory System**
  Inventory system with touch user interface for Maker Space (UoP)
  Laravel, Vue Js, MySQL, Electron, Raspberry Pi, MQTT
- **B2B Supply Chain System**
  Online B2B Trade system built with python backend and relational DB
  Python, Django, MySQL, Bootstrap
- **Analytical Software for Next Generation Skim Sequencing**
  A software for Bioinformatics researchers to implement a graphical environment to process Mitochondria, Chloroplast and ITS region data with additional recommendations on data path
  Java, JavaFX, SQLite3, Agile, Azure DevOps, Machine Learning, Bioinformatic pipelines　　*more…*

Qualifications

Bachelor of Science Computer Engineering　　　　　　　　　　　　　　　　*2018 Dec - Present*
Current GPA - 3.67
3rd Year, Department of Computer Engineering, Faculty of Engineering , University of Peradeniya, Sri Lanka.

Physical Science – G.C.E Advanced Level　　　　　　　　　　　　　　　　*2015 Apr – 2017 Aug*
Z-Score – 2.4058　　　　　Island Rank – 55th

G.C.E Ordinary Level　　　　　　　　　　　　　　　　　　　　　　　*2009 Feb – 2014 Dec*
8 A, 1 B
St. Anthony's College, Kandy, Sri Lanka.

Prof. Roshan G. Ragel
HoD | Department of Computer Engineering,
Faculty of Engineering, University of Peradeniya.
Sri Lanka. +9477 385 7755　　roshanr@eng.pdn.ac.lk

Dr. Asitha Bandaranayake
Senior Lecturer | Department of Computer Engineering,
Faculty of Engineering, University of Peradeniya.
Sri Lanka. +9471 511 7771　　asithab@pdn.ac.lk