RANDIKA RODRIGO

SOFTWARE ENGINNER UNDERGRADUATE

IEE member

Self-motivated enthusiastic undergraduate with excellent organizing and time management skills. Fast and self-learner with a keen interest in the subject and highly passionate to become a skilled software engineer. Proficient in mathematics and problem solving and eager to face challenging technical problems. I am keen to find an internship in a challenging company to enhance the scope of my knowledge and to get familiar with the industry.

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📍 **265/B Daluwakotuwa, Kochchikade**

RandikaR21

Randika Rodrigo

https://randikar21.github.io

Technical Skills

- Java
- Python
- JavaScript
- TypeScript
- HTML
- CSS
- Bootstrap
- Angular
- SQL
- NodeJS
- Spring Boot
- JavaFX
- MongoDB
- Full Stack Development
- MEAN Stack Development
- TensorFlow Python and JavaScript.
- Flask
- Unity gaming engine

Interests

- Machine Learning
- Cybersecurity
- Web Development
- UI/UX Design
- Full Stack Development

Experience

Summary Internship

attune

07/2019 – one month

Learning outcomes:
- Learnt an overview of SAP
- Learnt about project management, managing online presence, Career goals and development, Lean manufacturing and many more.
- Final project, Kids at Workday, a project to practice project management.

Education

- **BEng Software Engineering**
  University of Westminster
  09/2018 – present 2nd Year

- **Certified Information Security Expert**
  NetAssit International
  08/2018 – present (yet to complete the examination)

- **Cambridge Advanced Level**
  St. Nicholas International College, Negombo
  2018
  Mathematics stream – **2 A* and 1 A**

- **Cambridge Ordinary Level**
  St. Nicholas International College, Negombo
  2016
  Science stream – **4 A* and 4 A**

Competitions

- IEEE Xtreme v13.0 *(Global rank 603, Country rank 39)*
- Google Hash Code *(Participation)*
- SLIIT codefest *(Participation)*
- Aces Coders v8.0 *(participation)*

Projects

- **APE බඩ - Real time Sinhala Sign language to Sinhala Translator through machine learning.**
  - ➢ Worked as a data scientist and MEAN stack developer. Data science was implemented using TensorFlow.
- **Vehicle Rental management system**
  - ➢ Implemented using Java, Angular, Spring Boot and MySQL
- **Physics engine for the Unity gaming engine.**
  - ➢ Implemented using C# programming language and Unity.
- **Kids at Workday –** A project organised by the summer interns at attune consulting for the employee's children.
- **4 Man Squad Gaming News website**
  - ➢ This was done using simple HTML5, JavaScript and CSS

Academic Performance

University 2nd year

Algorithms: Theory Design and Implementations	*Pending*
Client Server Architecture	*Pending*
Software Development Group Project	*Pending*
Object Oriented Programming	*Pending*
Database Systems	*Pending*
Applied Maths and Physics for Games	*Pending*

University 1st year

Programming Principles 01	*97*
Programming Principles 02	*82*
Mathematics for Computing	*100*
Computer Systems Fundamentals	*86*
Computer Science Practice	*77*
Web Design and Development	*85*

Cambridge Advance Level

Pure Mathematics and Mechanics	*90%*	*A**
Physics	*93%*	*A**
Chemistry	*86%*	*A*
Computer Science	*85%*	*a*

Cambridge Ordinary Level

Computer Science	*92%*	*A**
Mathematics	*92%*	*A**
Environmental Management	*90%*	*A**
Biology	*92%*	*A**
Chemistry	*89%*	*A*
Physics	*84%*	*A*
English	*81%*	*A*
Religious Studies	*81%*	*A*

Other Technical Skills

- GitHub
- Linux (Kali)
- Adobe Photoshop
- Adobe Illustrator
- wireframing

Non-Technical Skills

- Fast and self-learner
- Team player
- Communication
- Problem solving
- Quick thinking
- Art and design

Sports

- Basketball
- Swimming
- Chess

Languages

English and Sinhala

Contact

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Referees

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