

# SANTHIRAKUMAR THARSIYAN

*Statistician and programmer*



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LinkedIn

## PROFILE

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A highly motivated 4th-year undergraduate in Statistics and Operations Research with a passion for data science and data analysis. Skilled in R, statistical modeling, Mathematical Modeling, Optimization, and data visualization, with a solid foundation in machine learning and predictive analytics. Committed to solving complex, real-world problems using data-driven insights and keen to contribute to Operation analysis, data engineering, and analytics projects. Seeking opportunities to leverage my expertise in a dynamic environment to deliver impactful results and foster professional growth. Seeking internship opportunities to apply theoretical knowledge and gain practical experience.

## EDUCATION

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**Faculty of Science, University of Peradeniya**

B.Sc. (Hons.) in Statistics and Operation Research

2021-Present

**Mu/Vidyananda College**

G.C.E. ( Advanced Level – Physical Science)

## EXPERIENCE

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I worked as a sales representative at **C.R. Exports** Company for one year, where I gained experience in managing business operations using Excel. I handled inventory and sales data, created reports, and assisted in daily transactions.

## PROJECTS

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**Construct Assembly line Layout with Earliest Finish time at SMT Apparal Pvt Ltd.**

- Addressed the problem of project Scheduling in project management and solved using critical path method and compared it with program Evaluation and Review Technique. **Skills:** Excel ,Project Management.

## SKILLS

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**Languages** - Python, R, C, Java, SQL, HTML

**Libraries & Tools** - Word, Excel, PowerPoint, NumPy, MySQL, SPSS, Minitab

## EXTRA-CURRICULAR ACTIVITIES

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- Member of OR society produced ideas and thinks through proposals Supported for projects
- Member of Zero plastic University of Peradeniya. (2024)
- Member of volleyball Team University of Peradeniya (2022-2024)

## PROFESSIONAL CERTIFICATES

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- Course in Coursera Data Analysis with R Programming.
- Introduction in Data Analytics

## RELEVANT COURSEWORK

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**Statistics** - Anova, Hypothesis Testing, Time Series Modelling, Regression analysis

**Visualization** - Matplotlib, Ggplot2, Shiny, power BI

## LANGUAGES

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**Tamil** - Native

**English** - Intermediate

**Sinhala** - Intermediate

## REFERENCES

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### **Niluka Rodrigo, ph.D**

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Coordinator/Statistics and Opera-tion  
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### **Dr. Hemalika T.K. Abeysundara**

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