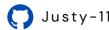# PATHMARASA JATHURSHAN

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SUMMARY

I'm a self-motivated, energetic Computer Engineering undergraduate with a keen interest in mobile app development and machine learning, seeking to work hard and smart as an intern

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EDUCATION

University of Sri Jayewardenepura   2019 Nov – Present

BSc. in Computer Engineering (Hons), Minor in Data Management

Related coursework: Data structures & algorithms, Data mining, Natural language processing, Intelligent systems, Parallel programming

Current GPA – 3.63/4.00

T/ R. K. M. Sri Koneshwara Hindu College   2015 –2017

General Certification of Advanced Level, Physical Sciences

2A B

EXPERIENCE

Projects

SewIt   Source   2022 Feb – Sep

An Android application where customers can choose a specific nearby tailor to sew a specific dress by comparing different nearby tailors based on price set by tailors to sew that dress, previous tailor ratings given by customers, and distance
- Users can update their locations
- Customers can save their body measurements and use it on future orders
- Tailors can send Notifications to customers about orders status
- Customers can send Notifications to Tailor about requests, orders, etc.
- Customers can give rating and feedback to tailors
- Java | XML | Google Maps API | Firebase

TrAIner   Source   2021 Jul – Dec

An AI-assisted virtual fitness trainer application which helps users to maintain correct posture while exercising
- Monitors majority of strength and weight loss exercises and give feedback
- Daily / Weekly challenges and user-created challenges
- Remind regularly
- Kotlin | XML | Firebase | TensorFlow

JDBC CRUD operations   Source   2022 Jun

GUI for CRUD operations
- Java

SKILLS

Programming Languages	Python | C++ | Java | Kotlin | MATLAB
ML/ DL frameworks & libraries	TensorFlow | Keras | Scikit-learn
Databases	MySQL | Firebase
Soft skills	Team collaboration | Presentation
Others	Mobile App Development | Git/GitHub | Weka | Linux | Figma

ACHIEVEMENTS

Codescape – Inter University Competition
IEEE WIE Student Branch Affinity Group of UCSC \| May 2022, Participated

CODE SQUAD V2.0
University of Sri Jayewardenepura, Jun 2021 \| Problem-Solving \| Placed 6th among 400+ teams

EXTRACURRICULAR ACTIVITIES

Annual Sports Encounter – Badminton
University of Sri Jayewardenepura \| May 2022, Placed 2nd

Chess Hindu Club – Team
School Chess Team – Captain \| 2010 – 2017

Member at

IEEE USJ Student Branch

USJ Sports council

CSM – Catholic Students' Movement, USJ

Chess Old Hindu Club

TDUSA – Trincomalee University Students' Association

ADDITIONAL COURSES

Machine learning Specialization, Stanford
Coursera.org \| Oct 2022

Python Data Structures and Algorithms
LinkedIn \| Oct 2022

REFEREES

Dr. Udaya Wijenayake	**Ms. Akarshani Amarasinghe**
Senior Lecturer,	Lecturer,
Department of Computer Engineering,	Department of Computer Engineering,
University of Sri Jayewardenepura	University of Sri Jayewardenepura
udayaw@sjp.ac.lk	akarshani.amarasinghe@sjp.ac.lk