Dilki Sewwandi

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About me

I am a Computer Science undergraduate with a strong interest in Software Engineering, Machine Learning and Human Computer Interaction. My academic background, projects, research experiences and participation in conferences have equipped me with a solid foundation in these fields, allowing me to approach complex problems with a blend of creativity and technical proficiency.I am eager to apply my skills and knowledge to real-world challenges, contributing to innovative projects and solutions. I am particularly excited about opportunities where I can further develop my expertise and my self while making a meaningful impact.

Education

- **University of Colombo School of Computing**   *Colombo, Sri Lanka*
  Bachelor of Science - Computer Science   *2022 - Present*

- **Sujatha Vidyalaya, Matara**
  G.C.E. Advanced Levels Combined Maths: A, Physics: B, Chemistry: B   *2012 - 2020*

Projects

- **FreightHub - Freight Forwarding Platform**
  April 2024 - Present

  The creation of web and mobile application for the disruption of the traditional freight forwarding industry which empowers independent transport carriers with Heavy Goods Vehicles.

    – Tools & technologies used: Next.JS, Java, SpringBoot, Flutter, PostgreSQL

- **AMS - Assets and Approval Workflow Management System**
  June 2023 - April 2024

  The creation of a web application for the approval workflows and assets management of an IT department of a company from scratch.

    – Tools & technologies used: HTML, CSS, JavaScript, PHP, MySQL

- **Flower Stock Exchange project**
  August 2022 - October 2022

  The creation of a flower stock exchange system using facilitates the process of stock buying and selling.

    – Tools & technologies used: C++

- **Research - Exploring the Effect of Labeling AI-Generated Content - Deepfakes in Social Media**
  March 2024 - September 2024

  I am collaborating with International researchers at the Open University, UK, and UCSC exploring ethics, technology and policy design in AI.

    – Tools & technologies used: Qualtrics, Prolific, Latex

Experience

- **User Interface Designer**
  CBM Pharmaceuticals Ltd   *Feb. 2024 - Present*

- **Research Assistant**
  Collaboration with the Professors at Open University UK, and UCSC   *March 2024 - September 2024*

Skills and Competencies

Programming Languages: C, C++, Java, Python, PHP, JavaScript, Scala, R, HTML, CSS

Frameworks and Libraries: Spring Boot, React.js, Tailwind CSS

Database Management: MySQL, PostgreSQL

Tools and Technologies: Git, GitHub, Figma, Trello

Other: Object-Oriented Programming(OOP), Design Patterns, Data Structures & Algorithms, SDLC Methodologies

Soft Skills: Strong analytical & problem-solving skills, Technical writing & documentation, Effective team collaboration, Excellent communication & organization skills, Eager to learn new technologies

Selected Honors and Awards

- **Tech-X (Category 3),** Winner — *2023*
  AI ideathon organized by the IEEE Computer Society Sri Lanka Chapter, where around 100 teams participated.

- **CodeRally,** 1st Runner up — *2023*
  AI ideathon organized by the IEEE Computer Society of IIT, where around 80 teams participated.

- **LSEG Flower Stock Exchange,** Finalist — *2022*
  A stock exchange system facilitating the process of stock buying and selling.

- **IEEEXtreme 17.0,** SL Rank-59, Global Rank - 773

- **Hackaholics 5.0,** Finalist — *2023*
  Inter University girls' only hackathon organized by the WIE Affinity Group of UCSC .

- **HackX 9.0,** Finalist — *2024*
  Inter University startup challenge.

- **Sri Lanka Mathematics Olympiad ,** Honorable Mention — *2017*

Scholarships and Volunteer Experience

- **3rd ACM Europe Digital Humanism Summer School, University of Technology,Vienna,Austria** — *2024*
  Selected with a full scholarship.

- **Winter School by Colombo ACM SIGCHI Chapter, Sri Lanka** — *2024*
  Selected among many applicants from South Asia.

- **Industry Engagement Lead** — *2023-2024*
  IEEE Student Branch of UCSC.

- **Director - Club Service Avenue** — *2023-2024*
  Rotaract Club of UCSC.

- **B2B Manager- Incoming Global Volunteers** — *2022-2023*
  AIESEC in University of Colombo, Sri Lanka

- **Organizing Committee President Finance** — *2024*
  RevolUX, Designathon organized by the IEEE Student Branch of UCSC.

- **Organizing Committee President Finance** — *2024*
  MadHack, Mobile application development hackathon organized by the IEEE Student Branch of UCSC.

- **Design Team Member,** — *2022 - 2023*
  Fallcode, Hackathon organized by WIE Affinity Group of UCSC

Extra Curricular Activities

- **Women's Hockey, University of Colombo,** Freshers' 1st Runners Up, Inter Faculty 1st Runners Up — *2023*
- **Women's Tennis, University of Colombo,** Freshers' Runners Up — *2023*
- **Sri Lanka Model United Nations,** Delegate -African Union — *2016*
- **Yale-NUS Asia Pacific Model United Nations,** Delegate - Economic and Financial Affairs Council (GA2) — *2017*
- **Senior Prefect Board,** Sujatha Vidyalaya Matara — *2016-2017*

References

Dr. Dilrukshi Gamage
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