

Amrutha Dinesh

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🔗 <https://amruthadinesh.github.io/>

Education

Cochin University of Science and Technology Bachelor of Technology in Computer Science and Engineering Cumulative GPA: 9.65/10 (Top 10% in batch)	2019 – present Kochi, India
Kendriya Vidyalaya Naval Base CBSE board with Maths and Computer Science AISSE: 89%	2016 – 2018 Kochi, India

Experience

Research Intern, Trebuchet Systems • Coordinated with lead team and formulated protocol (DLDAR) to perform dynamic load division between client and server in real time on AR Web • Extended protocol design for multi-user support in web based AR • Created developer documentation and examples for DLDAR protocol	11-2020 – 02-2021 Kochi, India
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Skills

C/C++ | Java | Python | Javascript | WebXR | MediaPipe | swift | ARKit

Projects

Money Manager, *Its a simple app to manage your monthly expenses*
Created a discord bot for managing finances and included features such as monthly pdf exports and graphical UI for category-wise representation

AR Furniture, *an AR based mobile application used to place virtual furniture*

Leadership

Robotics Club CUSAT • Worked as Computer Vision Engineer in developing detection and world tracking machine learning algorithms • Organized and planned weekly articles related to Robotics in social media to keep the club active during the pandemic	09-2020 – present
TedX Kalamaserry • Working with the sponsorship team to have a broader reach for the event • Designed the official website of Ted X and coordinated with the design team to make the official brochure	01-2021 – 02-2021
ISBIS Kochi • Guest coordinator and media manager for ISBIS 2020 conference	12-2020 – 01-2021
Pehia Foundation • Coordinated and planned the entire event flow, including outreach, technical management, media interaction, and participant engagement • Interacted with speakers and participants of the event, Pehia Summit 2021 aimed at empowering women and other minorities in Tech	11-2020 – 01-2021