Arun Jose

✉ jozdien@ieee.org • 📍 Trivandrum, India • 📞 (+91) 8075727965 • ↗ jozdien.com • in Jozdien • ⬡ github.com/Jozdien

Education

Computer Science and Engineering – B.Tech
College of Engineering Trivandrum
08/18 – Present • CGPA: 8.91

Indian School Certificate
Loyola School Thiruvananthapuram
06/05 – 03/18 • ISC: 91.6%

Awards

EVOKE'19 Hackathon
Winner, out of 15+ teams
National level tech summit by IEDC & IEEE SB TKMCE

Reboot Kerala Hackathon
2nd Runner Up, out of 30+ teams
State level Hackathon series by the State Department of Higher Education

Pass the Code
Winner, out of 15+ teams
State level tag-team competitive coding competition by IEEE SB GECBH, IEDC, and ISTE

AKCSSC Web Design Contest
1st Place
State level web design competition by IEEE CSKS

Oratrium
Winner; Master Oratrium
State level public speaking competition by JCI

Technical Skills

Experienced
Python, React + Native, JavaScript, HTML, CSS

Comfortable
Java, Tensorflow, NextJS, Firebase

Acquainted
C, C++, Assembly (x86), Octave

Work Experience

04/2021 – Present

Co-ordinator
MIRIx Trivandrum
- We do independent research and discussion on open questions in AI Safety, to ensure AGI has a positive impact. See here.

09/2020 – 04/2021

Software Development Intern
Airli, OrbitAustralia
- I worked on developing the Airli framework, which aims to generate actionable insights in agricultural/oceanic domains from satellite image data.

10/2019 – 02/2020

Frontend Engineer
Space Trivandrum
- I designed and developed their flagship Android app for co-working spaces, integrating recommendation, ticketing systems, and analytics.

Leadership/Volunteering

01/2021 – Present

Co-ordinator, Founder
IEEE Computer Society Kerala Section, AI Group
- I'm in charge of a team of 10+ volunteers overseeing activities related to AI in the state.
- I've co-founded SIGs in AI in five Student Branches, helped in the conduct of their events, and maintained inter-college communication channels.

02/2020 – Present

Co-ordinator, Founder
IEEE SB CET Special Interest Group in AI
- I organized over 15 events, notably:
  - A 10-day workshop introducing the concepts and implementations of Machine Learning, Deep Learning, and Friendly AI. The material I wrote for it has been used in multiple other workshops since.
  - A webinar series on data science.

Projects / Publications

Metise *(Preprint; Tensorflow)* ⬡ ↗
Reversible colour-density image compression using conditional adversarial networks.

Calibration Game *(React Native)* ⬡ ↗
Android app operating under the rules of the credence calibration game. I handled design, development, and deployment.

Aumann's Game *(NextJS, Node)* ⬡
A multi-player web version of the calibration game. I handle design and code the front-end.

Mentem *(Tensorflow, SpaCy)* ⬡
Platform for mental health support and triage using speech and facial analysis.
Won 3rd place at Reboot Kerala Hackathon.

Veris *(NextJS, React Native, Node)* ⬡
Open-source web/app framework for college administration, deployed in CET.

Karma *(HTML, PHP)* ⬡
System to facilitate fast rescue during emergencies. 1st Place at national-level EVOKE'19 Hackathon.