

Arun Jose

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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

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| 08/2021 – Present | ML Research Intern Median Group <ul style="list-style-type: none">I work on an ML pipeline for analyzing and classifying segments from audio conversations into clusters based on their argumentative quality and structure. |
| 04/2021 – Present | Co-ordinator MIRIx Trivandrum <ul style="list-style-type: none">We do independent research and discussion on open questions in AI Safety, to ensure AGI has a positive impact. See here. |
| 10/2019 – 02/2020 | Frontend Engineer Space Trivandrum <ul style="list-style-type: none">I designed and developed their flagship Android app for co-working spaces, integrating recommendation, ticketing systems, and analytics. |

Leadership/Volunteering

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| 01/2021 – Present | Co-ordinator, Founder IEEE Computer Society Kerala Section, AI Group <ul style="list-style-type: none">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 <ul style="list-style-type: none">I organized over 15 events, notably:<ul style="list-style-type: none">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

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| 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. |