

AakashSasikumar

credentials

DOB: 3rd June 1997
4th Year B.Tech CSE
12/39 Nehru Nagar
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Tamil Nadu, India

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social

thegsak.tk
GitHub
LinkedIn

languages

bilingual English/Tamil
native Malayalam

Skills

Technical: **Java, Python, SQL, Machine Learning, Artificial Intelligence, Neural Networks, Web-Scraping, Image Processing, Computer Vision, Android**

Soft Skills: **Organizing, Leadership, Public Speaking**

Education

2015 - **B.Tech CSE** Undergrad in Computer Science **9.26 CGPA** Amrita University CBE

2013 - 2015 **Suguna PIP School** 11th Grade - 12th Grade **96%** Coimbatore

2012 - 2013 **Angappa Sr. Sec. School** 9th - 10th **94%** Coimbatore

Projects

Aug 2018 - **Alnstein** Python, TensorFlow, NLTK
A virtual assistant for college students, providing the ability to connect with teachers, answer queries etc.

July 2018 - **SmartFlappyBird** Python, AI, Genetic Algorithm
Working on a neuroevolution algorithm that beats any human at Flappy Bird

Oct 2017 **mAIncraft** Python, TensorFlow
An artificial intelligence agent that plays Minecraft on it's own

Mar 2017 - **BlindVision** Python, RaspberryPI, AI
A device that helps the blind navigate using stereoscopic vision and deep learning

Sept 2017 **AnokhaBot 2018** Python, TensorFlow, AI
An AI bot that you can chat with to find out about and register for anokha

Jan 2017 **Gesture Recognition** Java, OpenCV
Hand gesture recognition tool used to control brightness and volume

Feb 2016 **YouTube Scraper** Java, Web-Scraping
Tool that let's users search for song and download it

Feb 2017 **MediaControl** Java, OpenCV
Tool that pauses videos if user not looking at screen, and plays if looking

Work Experience

- May - July 2018 **Thermo Fisher Scientific** Software Development Intern
Researched and designed a deep neural network pipeline to automate the process of a robotic arm used in many laboratories
- Jan 2019 - **TCS Research & Innovation** Research Intern
Researching ways to create a cyber twin for a photovoltaic system to simulate and build fault detection and fault prediction algorithms

Positions of Responsibility

- 2016 - **t{know} club** Organizer
Conducted events, seminars and hackathons in our College
- 2017 - **ASCII Club** Office Bearer
Part of the committee that plans out and organizes tech events in our college
- 2015 - **Open Source Contributor** GitHub
Contributed to PyBee

Accolades

- 2015 **Best Outgoing Student** Suguna PIP School
- 2015 **Adharsh Vidhyarthi** Suguna PIP School