AakashSasikumar

credentials

DOB: 3rd June 1997
4th Year B.Tech CSE
12/39 Nehru Nagar
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contact

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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 -	**AInstein**	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 methods to make a solar panel into a computerized model to run predictive analysis to find faults that may have occurred and predict faults that are going to occur

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