Srivatsan Ramesh

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EDUCATION				
PROGRAM B Tech, Electrical Engineering XII (CBSE) X (CBSE)	INSTITT Indian Institute of T Maharishi Vidya Mandir Senic Vels Vidyashr	UTION echnology Madras or Secondary School, Chennai am, Chennai	%/CGPA 8.73/10 97.2% 10/10	Completion 2018 2014 2012
SCHOLASTIC ACHIEVEMENTS				
 Secured AIR 429 in JEE-Advanced Top 39 out of 35,000 students in t Top 1% in NSEC and qualified fo Awarded KVPY Scholarship (ran 	d (out of 1,50,000+ candidates); S he Indian National Astronomy C r Indian National Chemistry Oly iked 22 out of 10,000 applicants)	Secured AIR 98 in JEE-Mains (or Olympiad and attended the OCS ompiad; Top 10% in AMTI(Mat and offered provisional admiss	ut of 13,00,000+ candi GC at HBCSE-TIFR, M hs) and IAPT(Physic sion to IISc with fellow	idates)2014Mumbai2014S) Olympiads2014wship2013
Relevant Coursework				
 Data Structures and Algorithms GPU Programming* 	 Reinforcement Learning Computer Organization	Machine LearningDigital Signal Processing	Deep LearnProbability	ing for Imaging* theory
Skills				
• Core - Python, C, C++, Java • Packages - Scikit-learn, Scipy, Ten	sorFlow, Flask	• Web - HTML, CSS, JS • Others - CUDA, Android	Studio, Git, MATLAE	3, LaTex, Photoshop
RESEARCH				
Learning to Mix n-step returns		Submitted to N	IPS 2017 — arxiv —	Jan 2017 - May 2017
 Developed an algorithm to mix n Achieved a 4.8x boost in performa 	-step returns using a neural netw ance on 22 games in the Atari do	vork; Evaluated the performanc main over A3C - one of the best	e of Eligibility traces DRL methods	in Deep RL setup
• scikit-learn - Fixed bugs in Calib		tClassifier classes of the packag	e.	
PROFESSIONAL EXPERIENCE		temsonier emsses of the pueling		
Summer Analyst, Goldman Sa	chs Group Inc.			May 2017 - Jul 2017
 Designed and developed adapter 	s to enable backward compatibil	ity while upgrading to a newer	complex system	
 Developed an efficient monitoring 	g system to ensure consistency be	etween the new and old systems	5	
Python Software Foundation, (Google Summer of Code		Ν	1ay 2016 - Aug 2016
 MyHDL is a hardware definition Developed open source HDMI So Project Intern, VDime Innovat 	language in Python, which deliv urce/Sink IP core module using ive Works	ers Verilog's functionality with MyHDL; Contributed to RISC-`	Python's elegant synt V processor module v	ax 1sing MyHDL Oct 2015 - Jan 2016
 Developed an Android applicatio Developed a JNI wrapper for Dlil Summer Intern, Clozerr Inc 	n that allows users to search and o's face-pose estimation module	l check-out garments from diffe and extended it to a user friend	erent vendors ly Android app	May 2015 - Jul 2015
 Developed an Android app, enab 	ling users to check-in to stores v	vith ease and receive rewards fo	or each check-in	
• Integrated Google Analytics for 1	nonitoring user responses, trigge	ering intelligent notifications bas	sed on locations and	preferences
HOBBY PROJECTS				
Incor — Python App				PyPi — Github
 Assisted in developing a Python a The app watches for file changes a Virtual Makeup — Python App 	application which manages file-t and invokes compilation/execut	emplates for all popular progra ion accordingly	mming languages	Blog — Github
 Developed a Python application t Incorporated Color and texture tr 	o apply make-up (lipstick, blush cansfer technique to produce aut	and nail polish) virtually to fac hentic life-like images.	es	
GiaviDot — Androld Game	AndEnsinsin	the mules of Classical Discovery	Google I	diaplay a da
 An arcade game in Android using A light weight app with more that 	n 3300 organic downloads on Gc	bogle Play Store and user rating	of 4.2	display ads
CO-CURRICULAR ACTIVITIES		at 2017 Described		
 • Qualified for ACM-ICPC regiona • Winner (out of 30+ teams) in Tria 	Ins in Google Codejam Kicksta ls (Chennai, Amritapuri) - ranke thlon coding event and Runner	d 155 out of 2500+ participants Up (out of 30+ teams) in Rever s	e Coding event in Sh	naastra 2016

• Runner up (out of 20+ teams) in Code the Google Way, Hackathon, a college level contest