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Education	
University of California, Riverside	Riverside, CA
B.S./M.S. Computer Engineering	
B.S. GPA: 3.64 (University Honor's Program) – Cum Laude	August 2015 – December 2019
M.S. GPA: 3.78	January 2020 – December 2020
University of Science and Technology of China	Hofei China
Summer Camp on Artificial Intelligence	
	501y 2013
Yonsei University	Seoul, South Korea
Summer Study Abroad Program	Summer 2017
Skills	
Languages: — (Proficient) C++, C. Python — (Familiar) C#, HTML, CSS, VHDL/Verilog, MATL	АВ
Technologies: — (Proficient) Git, Linux, Unity3D, Atmel AVR — (Familiar) CUDA, Android Studio, Xilinx ISE	
Coursework: Embedded and Real-Time Systems, Machine Learning, Data Mining Techniques	, Artificial Intelligence, GPU
Computing, Virtual Reality, Computer Security, High Performance Computing	-
Experience	
Graduate Teaching Assistant — Senior Design Project in Computer Architecture + Embedded	Systems Riverside, CA
 Project Manager overseeing 10 teams' large-scale 10-week projects. 	Spring 2020
 Hosted weekly scrum meetings for teams to gauge progress and advise teams. 	
 Successful transition to virtual instruction using Trello, Slack, Google Team Drive, GitHered 	ub, etc.
Software Research Intern under Dr. Frank Vahid, Co-Founder and CTO ZyBooks	Riverside, CA
• Data analysis on ZyBooks computer science courses.	June 2018 – January 2019
Wrote Python scripts to analyze student exams and submitted code.	
• Improved course content based on data and student struggle factors.	
UCB Proin Come Conter Beasarch Assistant Dr. Asron Soitz (Proin Plasticity/Neurossianos)	Bivereide CA
Pan specialized research equipment: EEC. Ocular Auditory, Memory Recall, etc.	February 2017 – April 2018
 Fatered/Organized/Analyzed research data received from the studies 	
Testing IOS game apps developed for participants' studies	
Projects	
Embedded Systems Project — "Third Eye" Computer Vision Assistance for the Blind	Spring 2019
Using Arduino, Raspberry Pi, ultrasonic sensors, camera, and speakers	-p
Obstacle detection, OpenCV for facial recognition and audio cues for user	
Demo: https://www.youtube.com/watch?v=aECvIMQX7KI&t=2s	
GPU Project — Dog Breed Classification using TensorFlow and Keras	Spring 2019
 Compare 2 separate convolutional neural networks built with only TensorFlow and only 	Keras
 Predict dog breeds using the Stanford Dog Dataset as well as personal dog pictures 	
 GitHub: https://github.com/tqazi002/Dog-Breed-Classification 	
Virtual Reality Project — "Peacetul Gardening" for Oculus Rift	Winter 2019
 Unity3D, C#. Player can move, grab objects to till soil, water plants, time skip, narvest, e CitLub, https://gitbub.com/taggi002/Decceful Cordening 	etC.
• Github. https://github.com/tqazi002/Peaceful-Gardening	
Embedded Systems Project — Clear I CD Touchscreen "Smart Window" weather informer	Fall 2018
Using state machines, microcontroller ATMEGA 1284, weather sensors, and vibration s	ensor
 Communication Technologies: SPI, I2C, ADC, USART 	
 Demo: https://www.youtube.com/watch?v=2G9BozYmUe8&t=61s 	
Involvement	
Rose Hack 2019 (Hackathon) — Organizer and Volunteer	October 2018 – January 2019
Organizations: WinC (Women in Computing), ACM (Association for Computing Machinery), Tau	J Beta Pi
Awards and Honors	
Edison STEM Scholarship Fund for 2017-2018 Academic Year	
 American Honda Scholarship for 2018-2019 Academic Year 	
S.L. Gimbel Foundation Scholarship for 2020-2021 Academic Year	

Hobbies: Travelling, Judo, Building Model Kits, Working on my '96 Integra

Tasmiyah (Taz) Qazi