

An Tran

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EDUCATION	National University, San Diego, CA <i>Master of Science in Data Science, GPA: 3.94</i>	May 2020
	Texas Tech University, Lubbock, TX <i>Master of Science in Computer Engineering, GPA: 3.75</i>	Dec 2018
	Texas Tech University, Lubbock, TX <i>Bachelor of Science in Computer Engineering, GPA: 3.43</i>	Aug 2016
EXPERIENCE	Darroch Medical Solutions, Inc. Data Scientist	July 2020 - Present
	<ul style="list-style-type: none">• Collect and analyze signals from patient vital signs and predict any potential adverse outcomes in advance in hospital setting• Design and maintain database to store and retrieve patient data in real time	
	Texas Tech University, Lubbock, TX Teaching Assistant	Dec 2017 – Dec 2018
	<ul style="list-style-type: none">• Designed course materials, projects and packets for professor• Assisted 3 sections of students on computer architecture concepts	
	Computer Lab Assistant	May – Dec 2017
	<ul style="list-style-type: none">• Instructed 2 lab sessions in digital signal processing• Aided students with study sessions in addition to lectures	
TECHNICAL SKILLS	Python, R, SAS, Matlab, SQL, Tableau, Google Cloud Platform, Arduino, Raspberry Pi, MSP430, Soldering	
PROJECTS	Early Prediction of Sepsis Using Vital Signs	Feb – May 2020
	<ul style="list-style-type: none">• Investigated and analyzed patterns in vital signs to make early warnings• Developed an interface to monitor in-hospital patients' conditions	
	Wireless Arrhythmia Detection	Jan – Dec 2018
	<ul style="list-style-type: none">• Generated a program to monitor heart rate on mobile platform• Created a model to detect arrhythmia based on transmitted heart signals	
	Autonomous Toy Car	Jan – May 2016
	<ul style="list-style-type: none">• Designed a toy car that navigate on a racing track without human input• Programmed the self-navigation system utilizing electronic sensors	