

Rose Lin

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roselin.me

EDUCATION	<i>Texas A&M University</i>	Aug. 2017 - May. 2019
	M.S Major Computer Science, Curriculum GPA 4/4	
	<i>University of Virginia</i>	Aug. 2013 - Dec. 2015
	B.S Major Systems Engineering, Curriculum GPA 3.76/4	
	<ul style="list-style-type: none">• Graduated with high distinction	
TECHNICAL AND OTHER SKILLS	Software: Proficient in SQL, Python, and R. Familiar with bash, C#, .NET MVC Framework, Java, JavaScript, and C++.	
	Tools: Fiddler, Postman, Git, Keras, Django, Agile	
WORK EXPERIENCE	<i>Data Scientist</i>	Jul. 2019 - Present
	State Farm Insurance, Richardson, TX.	
	<ul style="list-style-type: none">• Utilize various machine learning techniques to solve problems in the claims space.	
	<i>Software Developer Intern</i>	Aug. 2018 - Apr. 2019
	HCSS, Sugar Land, TX.	
	<ul style="list-style-type: none">• Refactored 50 methods to C# entity framework. Saved the processing time by 25%.• Facilitated in smoke testing during releases. Authored 3 onboarding documentations.• Selected features implemented: sentiment analysis on observation, JHA/inspection PDF improvement	
	<i>Data Science Intern</i>	May. 2018 - Jul. 2018
	State Farm Insurance, Richardson, TX.	
	<ul style="list-style-type: none">• Assisted with the Ariel Roof Inspection (ARI) effort: to identify hail damages on roofs based on photos taken by UAVs.• Tested and evaluated multiple deep learning models, preprocessed new data and added documentation.• Improved the mean accuracy of the existing model from 86% to 93.1%.	
	<i>Research Assistant</i>	Sep. 2017 - Dec. 2017
	Rockwell Automation Laboratory, College Station, TX.	
	<ul style="list-style-type: none">• Created a web-based virtual teaching pendant system for LabVolt 5150 robots at TAMU and Alamo College.• Tools used: Visual Basic, PHP, MySQL, XAMPP, JavaScript, Bootstrap.	
	<i>Business Systems Analyst</i>	May. 2016 - Sep. 2017
	Empyrean Benefit Solutions, Houston, TX.	
	<ul style="list-style-type: none">• Processed and Analyzed employee benefits data in Python, SQL and Excel.• Updated and maintained the web front-end using HTML, PHP and CMS.• Solely responsible for 2016 ACA Reporting for three clients, ensured that around 50,000 1095 B/C forms were mailed accurately and timely.	