

Nathan Emmett Hutchison

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PROFILE	I am a Salesforce Analyst with a M/S in Engineering Management & B/S in Computer Science. My integrity, excellent communication, drive to learn, & work ethic allow me to adapt & excel in any situation.	
WORK EXPERIENCE	<u>Salesforce Analyst at Varian Medical Systems</u>	June 2019 - Present
	<ul style="list-style-type: none">- Developed, designed, & led 5 week user acceptance testing for a 9 month, multi-million dollar project involving over 80 participants- Acted as the lead business analyst to gather requirements & design feasible solutions within Salesforce CPQ solution- Designed & implemented integration of SFDC/Marketo to securely & efficiently enhance entire customer DB- Created scalable, effective solutions within Salesforce Community Cloud on a new product offering supporting dozens of high margin contracts- Performed daily duties involving general Salesforce Administration working in Sales Cloud & Community Cloud	
	<u>Project Engineer Intern at Joseph J Albanese</u>	June 2017 - September 2017
	<ul style="list-style-type: none">- Interpreted & analyzed quantities of completed construction work to predict & prevent overruns on costs- Developed estimates for future projects to accurately forecast costs on new contracts- Eliminated unnecessary spending by validating all field work executed was inside of the original contract scope	
	<u>Mentor/Tutor at Breakout Mentors</u>	June 2017 - July 2019
	<ul style="list-style-type: none">- Provided one-on-one mentoring & teaching of Python, C++ & Java to students aged 8-17- Created personalized environments to fuel each student's love to code while teaching both fundamentals and more advanced concepts	
PROJECTS	<u>UFC Fight Prediction Project (in progress)</u>	
	<ul style="list-style-type: none">- Produced a web scraper dataset to combine with existing datasets to develop a proprietary fight/ fighter dataset(s)- Used Python libraries such as Pandas, Numpy, Psycogp2, SQLAlchemy & Sci-kit Learn to refine model for best prediction of fight winner & win method- Hosted dataset on Azure Cloud using PostgreSQL servers to efficiently share information with my project partner	
	<u>Impact of Covid on Financial Markets Web App</u>	
	<ul style="list-style-type: none">- Calculated Upside & Downside Beta indices to analyze volatility of industries & individual stocks due to COVID-19- App created with Python & Streamlit alongside other libraries such as yFinance, Pandas & Numpy- Containerized using Docker, hosted on DockerHub, & deployed on Azure App Registry- Link: https://nahutchfinanceapp.azurewebsites.net/	
	<u>Action Recognition Classifier Project</u>	
	<ul style="list-style-type: none">- Adapted an L1PCA facial recognition classifier to predict action from videos & tuned various hyperparameters to achieve a maximum prediction accuracy of over 78%- Created motion history images from the videos to compress the motion of the video into still images to classify actions	
EDUCATION	<u>Masters of Science, Engineering Management</u>	2018-2019
	- GPA 3.84	
	<u>Bachelor of Science, Computer Science (Emphasis in Algorithms & Complexity)</u>	2014-2018
	- GPA 3.69, Cum Laude	
SKILLS	Salesforce Administration, Python, Microsoft Azure, Marketo, Docker, Excel, Pandas, Excel, Git	
INTERESTS	<ul style="list-style-type: none">• I love outdoor & actions sports such as surfing, skiing, volleyball, tennis, & mountain biking• Traveling is what I live for (in non-COVID-19 times) & better yet I love to take my love for action sports around the world on Surf/Ski Trips• Data Science & AI enthusiast at heart!• Avid audiobook listener. Favorite recent book: <u>Bad Blood</u> by John Carreyrou	