TIANYU ZHANG

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Education Sep.2019- May.2021	**CORNELL TECH AT CORNELL UNIVERSITY** Master in Information Systems and Applied Information Sciences, Concentration in Connective Media Selected course: Applied Machine Learning, Algorithms for Applications, HCI and Design	**New York, NY**
2015-2019	**UNIVERSITY OF CALIFORNIA SAN DIEGO** Bachelor of Science, Mathematics Bachelor of Science, Cognitive Science with specialization in Machine Learning and Neural Computation Selected course: Data Analysis and Inference, Interaction Design, Machine Learning, Intr/Computer Sci & Obj-Ori:Java, Statistical Analysis	**San Diego, CA**
Research Experience 2018-2019	**VOYTEK LAB, UNIVERSITY OF CALIFORNIA SAN DIEGO** *Undergraduate Lab Researcher* • Researched on data science and neuroscience projects about relationship between Pre-stimulus phase and Event Related Potential (ERP) • Processed EEG datasets using Python including machine learning techniques such as PCA, Autoreject, Hilbert transform, circstats to obtain statistical significance	**San Diego, CA**
Internship Jun. 2017- Sep. 2017	**IFLYTEK	*Leading AI Company in China*** ***Data Engineer Intern*** • Individually developed a teacher recommender system with Python which has been helping thousands of students in 6 different high schools starting from 2017 • Build prediction models using Lasso regression to predict which teacher could positively influence any specific student based on their past performances. Students averagely increase their performance by 2% after taking suggestion from the model • Wrote Python script to clean hundreds of features from Petabyte level of data and automatically generate reports about students' performance in the education app.	**Anhui, China**
Jun. 2016- Sep. 2016	**ING SHANGHAI	*Dutch Multinational Bank*** ***Data Analyst Intern*** • Analyzed seasonal financial reports from cooperating listed companies • Built an analyzing tool within the group to shorten the financial data analysis time by 30%	**Shanghai, China**
2016-2017	**CHINESE UNION	Local NGO** ***Front-end Developer*** • Leading a group of 3 of which developed and maintained the official website for Chinese Union	http://chineseunion.org/	**San Diego, CA**
Course Project	**Interaction Design at UCSD** • Accomplished an interaction design project of a web app for college students to order food online with personalized allergic settings • Implemented critical prototype features and UI design, conducted UI tests	
Skills	Programming languages: Python, R, Matlab, Java, SQL, HTML, CSS Tools & Techniques: Spark, Hive	