

Jerry Huang

Sunnyvale, CA, 94085 | jerryhuang6666@gmail.com | [LinkedIn](#) | 7146738499

EDUCATION

Expected May 2021	<i>San Jose State University, San Jose CA</i> Master of Software Engineering, Specialization in Data Science Data Mining, Large Scale Analysis, Machine Learning, Deep Learning, Reinforcement Learning, Software Engineering Design
Aug 2014 – May 2019	<i>California State University Fullerton, Fullerton CA</i> Bachelor of Computer Science C++, JAVA, Python, Data Structures, Algorithms, Cryptography, Web Design, Smartphone APP Design

PROJECTS

- 🚀 **Medical Electronic Health Record (HER)** Skills: **Google Cloud Speech-to-text, Maps, NLTK, SpaCy, BIO, Self-make library**
Making the EHR by using the medical conversations, get the key information by using the tech of the NLP, the goal of project is to make the EHR by machine not doctor themselves. Save doctor 60% time when make conversation with patient.
- 🚀 **Fake News Detection in NLP** Skills: **NLP, Sentimental analysis, Bert Transformers, Microsoft vocabulary library, text preprocessing, text parsing, data amalgamation**
Base on Liar Liar dataset and amalgamate with the dataset Trump Fake News from Kaggle, apply the skills to get the prediction of truth of the government speaker's speaking.
- 🚀 **Airbnb investment prediction of Bay Area** Skills: **Data preprocessing, data cleaning, data visualization, data analysis, data classification**
By apply the skills on data to make the prediction for investment. Will give investor most important features about the Airbnb. Investor will select the features they want, and the program will recommend the types of the house or apartment they need to be focus on.
- 🚀 **Facial Expression Recognition in Deep Learning** Skills: **TensorFlow, Pytorch, KNN, CNN, LeNet, GANs**
Input a face image then the output will make the prediction of the image about the facial expression. Use the CNN for the final model and use GANs to enrich the data.
- 🚀 **Real-time chatting web develop** Skills: **Node JS, React JS, HTML, CSS, Firebase, SQL**
Make a real time chatting website, user can sign up and login the account to the website and chatting on the website. The chatting room support multiple users group chat.

TECHNICAL SKILLS

Programming Languages:	Python, C++, Java Script, Swift, SQL
Machine Learning/ Deep Learning:	Supervised, Unsupervised, Clustering, DNN, GANs, CNN, Sci-kit Learn, Keras, Tensorflow, PyTorch
Automation tools/ IDE:	VS, XCode, Jupyter Notebook, Eclipse, Salesforce, Tableau, Android Studio
Database:	MySQL, SQL, JSON, XML
Cloud:	AWS, Azure, Google Cloud, Hadoop

EXPERIENCE

- July 2020 – PRESENT **Chronus Health, San Francisco, CA**
Build and evaluate ML/AI model in Blood Cells & ECG Heart database
- June 2017 - Aug 2017 **Sun Engineering Consultants International Inc.** Guangzhou, China, Intern
Software Developer, Made the Rail Transit and Bridge industrial platform on Android Studio
Marketing Researcher, Made the research about MEMS sensor
- Aug 2017 - May 2018 **Immotor Inc., Irvine, California, Volunteer**
Sell the Immotor scooters on the different university campus in Southern California
- Aug 2016 - Aug 2017 **California State University Fullerton-Chinese Students and Scholars Association, Fullerton California, Vice President**
- Aug 2016 - May 2019 **JNC Study Abroad Platform, Guangzhou, China, Education Ambassador**

LANGUAGES SKILLS

High level in Chinese both Mandarin and Cantonese

High level in English

Entry level in Japanese