

# TOM CHENG

DATA SCIENTIST

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## SUMMARY

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*I'm a data scientist specialized in improving business performances through data analysis and sales forecast to find optimal performance criteria for the business to be successful. I have extensive experience in design, implementation, and analysis of data-driven studies/decisions for businesses.*

## EDUCATION

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### Springboard

May 2020 - Current

*This online data science cohort consists of 500+ hours of intensive curriculums in data science, machine learning, Python, and SQL. Including one guided capstone and two selective capstone projects (see projects).*

### San Jose State University

Summer 2010 - Winter 2012

*B.A. Psychology 2012*

## EXPERIENCE

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### Super Cue Cafe, Co-owner, SF and San Mateo

Jan. 2013 - May 2018

*Collected data to forecast sales on a weekly basis to help inventory and staffing efficiently.  
Analyze product sales seasonally to help decide on which products to keep, replace, or promote.  
Stores staffed according to the forecasts had yearly net gain increasing from 5~20%.*

### U.S. Army, 92A - Logistical Supply Specialist, South Korea

June 2003 - June 2006

*This is where I trained to be disciplined. I began as a follower, learned teamwork, and developed leadership.*

## SKILLS

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**SOFTWARE AND PROGRAMMING LANGUAGES:** Python, Tableau, SQL, MS Excel, MS PowerPoint

**DATA ANALYSIS:** Pandas, NumPy, statsmodels, Scikit-learn, SciPy

**DATA VISUALIZATION:** Seaborn, Matplotlib

**PREDICTIVE MODELS:** ARIMA, SARIMAX, BATS, TBATS, HWE

## PROJECTS

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### Time Series Forecast

Sept. 2020 - Nov. 2020

*Using Python to clean and implement data to several time series models. I was able to make a model that's able to forecast sales on a hourly level, and capture three seasonality: daily, weekly, and yearly.*