

Victor Wong

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in vswong

San Francisco, CA 94107

Experience

Meta- *Social technology company*

Menlo Park, California

Data Engineer, Advertiser Products

May 2020 – Now

- Own the data backend that powers ranking calibration for ads targeting
 - Generate \$50mm p.a. incrementally through new products and system improvements
 - Generalize interface to promote collaboration from partner teams
- Implement metrics on experiment platform that are resilient to loss of third party signals
- Design and execute measurement plans for product launches

Wish- *Mobile E-commerce tech company*

San Francisco, California

Data Engineer Manager, Buyer Risk

Sep 2019 – May 2020

- Provide scalable framework for large-scale model training and backtesting
- Design and develop realtime modeling and decisioning interface
 - Deploy user-value score to align external vendor strategies with company objectives
- Design and evaluate A/B tests for new payments and fraud processes
 - Identify and approve low-risk user cohorts for \$3mm additional annual revenue
- Strategic roadmap to maximize top-line growth while controlling fraud pressures

Data Engineer, Risk and Payments

May 2017 – Sep 2019

- Design and maintain risk data mart
 - Reduce query complexity by improving data model
 - Average runtime reduction of 50% for queries
- Automate and improve chargeback evidence collection and dispute process
 - Reduced dispute costs by \$800k p.a. through intelligent disputing
 - Reduce outsourcing costs by 200hr/week (15%)
- Root cause analysis to diagnose and prevent emerging fraud vectors
- Generate and report business KPIs that align with company goals

Nanocran (now FieldStack)- *Retail management software company*

Portland, Maine

Software Developer

Sep 2013 – Oct 2014

- Design and built a consumer facing search engine with fast response and high accuracy
- Enhance user experience by providing multimedia descriptions through vendor data integration
- Streamline point of sales workflow by implementing secure managerial overriding capabilities
- ASP.NET web development

Research

University of New South Wales

Sydney, Australia

Masters Thesis Researcher

Sep 2015 – Sep 2016

- Estimate wastewater contamination through indicator bacterial counts

Maine Space Grant Consortium Fellowship

Brunswick, Maine

Research Fellow

Jan 2011 – Aug 2011

- Collaboration between OS/VM to prevent keylogger attacks

Technical Skills

Languages

Python, SQL (Presto, SparkSQL, MySQL), Java, C#, L^AT_EX

Tools

Looker, Tableau, MongoDB, Airflow, Redshift, S3, Git, Jira, Linux

Knowledge

ETL, Automation, Experimentation, Business Intelligence, Ads, Payments

Education

Master of *Statistics*, **University of New South Wales**

Feb 2015 – Sep 2016

Graduated with distinction

B.A. in *Computer Science and Mathematics*, **Bowdoin College**

Sep 2009 – Jun 2013