WEIYUAN WU

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EDUCATION

Simon Fraser University, Canada *September 2019 - Present*
PhD Candidate. Supervisor: Dr. Jiannan Wang

Simon Fraser University, Canada *May 2017 - September 2019*
Master of Science. Supervisor: Dr. Jiannan Wang

University of Electronic Science and Technology of China *September 2012 - July 2016*
Bachelor of Engineer. Major in Information Security

RESEARCH INTERESTS

Machine Learning Debugging, SQL Explanation

PROFESSIONAL EXPERIENCES

Dataprep: Data Preparation in Python dataprep.ai
Project Leader
· Project management and development.

Vancity, Canada Jan 2018 - September 2019
External Researcher
· Data augmentation, churn prediction and text mining.

Strikingly Inc., China June 2016 - May 2017
Data Scientist
· Churn prediction, anti spammer and data warehouse.

PUBLICATION

Jinglin Peng*, Weiyuan Wu*, Brandon Lockhart, Song Bian, Jing Nathan Yan, Linghao Xu, Zhixuan Chi, Jeffrey Rzeszotarski, Jiannan Wang:
**EDA^x: Task-Centric Exploratory Data Analysis
for Statistical Modeling in Python** SIGMOD 2021, Under Review

Pei Wang*, Weiyuan Wu*, Yi Xie, Yejia Liu, George Chow, Jiannan Wang:
**ConnectorX: A Unified API Wrapper
to Simplify Web Data Collection** SIGMOD 2021, Under Review

Weiyuan Wu, Lampros Flokas, Eugene Wu, Jiannan Wang:
Complaint-driven Training Data Debugging for Query 2.0 SIGMOD 2020

Weiyuan Wu, Lampros Flokas, Eugene Wu, Jiannan Wang:
Towards Complaint-driven ML Workflow Debugging MLOps 2020, Demo

Enabling SQL-ML Explanation to Debug Training Data M.Sc. Thesis

SKILLS

Frameworks: Tensorflow, Pandas, Numpy, Scikit-Learn, Dask

Programming Languages: Python, Rust, C++, Java, Typescript, SQL

Platforms: Docker, AWS