

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

Debugging Machine Learning, SQL Explanation

PROFESSIONAL EXPERIENCES

- Dataprep: Data Preparation in Python** *dataprep.ai*
Project Leader
- Implementation and project management.
- 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

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

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

Tools: Docker, AWS