

WEIYUAN WU

Email: youngw@sfu.ca

Homepage: wooya.me ◇ Github: github.com/dovahcrow

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

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