

# WEIYUAN WU

Email: [youngw@sfu.ca](mailto:youngw@sfu.ca)

Homepage: [wooya.me](http://wooya.me) ◇ Github: [github.com/dovahcrow](https://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](https://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

## AWARDS

---

Grad Fellowship: 2017, 2018, 2019.