

# Katharine Xu

Data Science student | Sydney University

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🌐 [katharinex.github.io/about](https://katharinex.github.io/about)

## Projects

### Blockchain Manufacturing tracker

Accenture Hackathon | April 2018

Created a prototype for how blockchain can be implemented in the fast fashion industry to increase transparency in manufacturing. Proposed a simple JavaFX & Java based program to create blockchain blocks at selected manufacturing steps.

### Mastercard Gateway Intern projects

Mastercard | Dec 2019 - Feb 2020

Created a framework for early performance testing using Taurus and Springboot in the Mastercard Jenkins pipeline. Proposed a simple dashboard for monitoring regression performance tests.

### Curated Vintage + Collectables e-commerce shop

Depop | Jan 2018 - present

A passion project to sell curated ethically sourced vintage and collectables to those interested in fashion and art. "Selected Seller" by Depop, over 400 sales & 4000 followers.

### Covid-19 Policy Tracker dashboard

University of Sydney | April 2021 - July 2021

Data Science Capstone project with an emphasis on interdisciplinary collaboration. Created a Covid-19 policy tracker dashboard which displayed Covid-19 simulation and forecasting statistics.

## Education

### B Adv. Computing - B Data Science

University of Sydney | 2018 - present

Awarded High Distinction for numerous units including INFO1111, ENGL1021, ENGL2666

### High School Certificate - ATAR 97.95

Baulkham Hills High School | 2012 - 2017

Awarded the Year Advisor's award (2016, 2017), Sylvia Shaw Literature Award, Enthusiasm and Dedication award for English. First place in English Extension II.

## Work Experience

### Engagement Officer

Guide Dogs NSW/ACT | Oct 2020 - present

Engagement role which involves supporter engagement, donation handling, database & CRM management.

### Operations and Technology Intern

Mastercard | Feb 2019 - Mar 2020

Proposed two Mastercard Gateway tools to improve pipeline efficiencies and presented them to APAC senior leadership. Reduced team Pikachu's (Testing) workload by 10 hours/ week and proposed a unique solution to PEAT contention.

### Sales Associate

Sportsgirl | Dec 2017 - Feb 2019

Fast-paced customer oriented sales role which involved reaching weekly KPIs and providing excellent customer support.

## Skills

### Languages

Python, Java, HTML CSS, RegEx & Bash scripting, R, LaTeX, SQL

### DevTools

Agile & SRUM, Excel, Slack, Spring, Git, Microsoft Suite (Excel etc.)

### Interpersonal

Collaborative, Strong client engagement, Highly adaptive