

Lilian Zhou

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EDUCATION

Bachelor of Arts, Data Science, *University of California, Berkeley*

08/2018 – 05/2022

Emphasis in Computational Biology + Business and Industrial Analytics

Relevant Coursework: Data Structures, OOP, Linear Algebra, Probability, Principles of Data Science

WORK EXPERIENCE

Helpdesk Employee, *University of California, Berkeley*

09/2019 – Present

- Completed tickets involving active directory, building profiles, unlocking accounts, resetting passwords
- Diagnosed and resolved client issues with hardware, ssh, system upgrades and installations, network connectivity, and printers
- Greeted clients, answered phone calls, and resolved open tickets in a timely and professional manner

Summer Student Researcher, *University of Calgary*

05/2020 – 08/2020

- Assisted in a computational and statistical genomics lab with the Department of Medical Genetics
- Ran biologically realistic simulations using WFES2 software package, implementing various exact calculations with the Wright-Fisher model
- Utilized Overleaf and LaTeX to format and edit working manuscripts

Summer Student Researcher, *University of Calgary*

05/2019 – 08/2019

- Student Project Scholarship recipient with the Cumming School of Medicine
- Research assistant in a highly specialized lab raising sandflies and investigating the transmission of Leishmaniasis
- Analyzed cell data using software such as FlowJo and GraphPad, improving classification by at least 25%
- Ran PCR, genotyped mice, ran flow cytometry, and accurately determined cell counts on hemocytometers

SKILLS

Python | Java | SQL | HTML | CSS | Excel | Leadership | Communication | Organization

PROJECTS

Gitlet, *CS61B Version Control System*

- Utilized OOP to implement a Java-based, fully working version control system that mimics features of Git
- Developed commit, log, add, remove, branching, and other functionality features

Lilian's Twitterbot, *Automated Twitterbot*

- Created a Twitterbot that responds to user interaction with python and Tweepy
- Developed automated replies to specific hashags, retweet, like, direct message, and follow features