

JIMMY (JUNTAO) ZHONG

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EDUCATION

Carleton College, Northfield, MN,

Expected Jun. 2023

- Bachelor of Arts, Majors: Computer Science and Biology
- Relevant Courses: Algorithm, Data Structure, Computer System, Probability, Bioinformatics
- Cumulative GPA: 3.61

Newport High School, Bellevue, WA

2016 - 2019

West Seattle High School, Seattle, WA

2015

- High School GPA: 3.95/4.0

EXPERIENCE

Carleton Academic Technology - [DataSquad](#)

Senior Designer, sample projects include:

Sept. 2020 – Present

- Script and record custom [Tableau video guides](#) for 2 Carleton Political Science classes. Cumulatively (including last position), create [40+ pages of manuals](#) for R and Tableau users at Carleton College.
- Create a [collection of python scripts](#) to reshape and pipe Qualtrics longitudinal survey results into a cleaned, Tableau-ready format for data novices in Poli Sci classes.

Curricular and Research Data Assistant

Sept. 2019 – Jun. 2020

- Program Python and R scripts to facilitate 10+ professors' research
- Tutor 30+ students (in many different areas: Calculus, Stats, Python, Tableau, Excel, etc.).
- Use Google Analytics API to monitor the traffic of about 100,000 webpages under Carleton domain and recommend removal of obsolete pages.

Research Assistant

Carleton Primate Lab, Northfield, MN

Jun. 2020 – Sept. 2020

- Perform psychology experiments on cotton-top tamarins to investigate the relation between cognitive failures of aging tamarin monkeys and biology events in their brains.
- Feed monkeys, wash their cages, and clean the lab space according to COVID standards.

MySQL Server Developer (part-time, virtual)

Grand Prospect International Ltd., HK & mainland China

Jun. 2020 – Sept. 2020

- Build and maintain a MySQL server on Alibaba Cloud, with functionality such as keyword search, purchases history lookup, sale visualizations, and product names-to-image lookup.
- Continuously write manuals for better user accessibility

Research Assistant

Murry's Lab (Cardiology Lab), University of Washington, WA

Jul. 2018 – Sept. 2018

- Perform common wet-lab work such as qPCR, DNA and RNA sequencing.
- Built an R Shiny server that queries gene expression data from the lab database and graphs it on a web-interface

RELEVANT SKILLS

Programming Languages: Python | R | Java | C | HTML | CSS | JavaScript

Technologies: Tableau | MySQL | TCP/IP & OSI Model | Routing & Switching

Certifications: Cisco Certified Network Associate (CCNA), Microsoft Tech Associate - Python

Languages: Mandarin and Cantonese (native speaker); English; Intermediate Spanish

LEADERSHIP

- Web Development Lead at Soundbio iGEM 2018-2019 (a biotech competition)

Soundbio Community Lab, Seattle, WA