

JUNTAO(JIMMY) ZHONG

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EDUCATION

Carleton College, Northfield, MN

Bachelor of Arts, Majors: Computer Science and Biology, GPA: 3.61

Expected Jun. 2023

EXPERIENCE

Curricular and Research Data Assistant

Academic Technology, Carleton College, MN

Sept. 2019 – Present

- Code Python and R programs to facilitate professors' research and students' projects
- Use Google Analytics API to investigate the traffic of Carleton websites and provide advice to improve the school website.
- Write and videotape manuals for novice R and Tableau users at my school:
<https://www.carleton.edu/quantitative-resource-center/faq-2/>

MySQL Server Developer (non-paid, on call)

Grand Prospect International Ltd. (family business), HK & mainland China

Jun. 2020 – Present

- Build and maintain a MySQL server on Alibaba Cloud for my parents' business
- Enable keyword search (product descriptions), purchases history lookup, simple sale visualizations, and product names-to-image lookup
- Continuously write manuals for better user accessibility

Data Analysis and Visualization Intern

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

Jul. 2018 – Sept. 2018

- Calculated stained cells area (microscope image) by using and modifying ImageJ macros.
- Built an R Shiny server that queries gene expression data from the lab database and graphs it on a web-interface

CERTIFICATION

Cisco Certified Network Associate (CCNA)

Completed at Cisco Networking Academy, Newport High School, WA

Sept. 2017 – Jul 2019

- Configure Cisco routers and switches
- Operate Linux/Windows servers in local and cloud environments, alongside with Cisco routers, to provide network services like DHCP, VPN, Voicemail for VoIP, etc.

RELEVANT SKILLS

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

Technologies: Tableau | MySQL | TCP/IP & OSI Model | Routing (OSPF, MPLS, PBR)

Languages: Native Mandarin and Cantonese Speaker, Spanish Learner (B1)

LEADERSHIP

- Web Development Lead of Soundbio iGEM team (international Genetically Engineered Machine)

HONORS/AWARDS

- Bronze for iGEM competition

2018