

Hosei Nakajima

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PROFESSIONAL EXPERIENCE

Qualitest supporting Google, Austin, TX (Hybrid-Remote) May 2022 - Current
Search Language Specialist/ Quality Engineer

- Managed projects end to end by providing support to each team member
- Served as the language/locale subject matter expert for products and areas of interest
- Analyze data trends for user intents/needs for various features and provide analysis of future features
- Performed complex linguistic and functional testing of localized software applications and websites

Ratnapriya lab, Baylor College of Medicine, Houston, TX October 2021 – May 2022
Bioinformatics Analyst

- Managed a team of undergraduate students to work on projects
- Generated the lab website using Blogdown and deployed it to Netlify
➤ <https://ratnapriyalab.netlify.app/>
- Applied machine learning on Age-related Macular Degeneration data
- Integrated GWAS SNPs and open chromatin data in retina

Renzo Box, Austin, TX (Remote) September 2020 – December 2020
Data Engineer Intern

- Scraped data from multiple sources
- Worked with a team of non-programmers to create a quiz that guides customers to the makeups they desire
- Developed a backend program for matching quiz results and products in the MySQL database

Cenik lab, UT Austin, Austin, TX (Hybrid-Remote) October 2018 – October 2021
Research Assistant

- Analyzed RNA-Sequence on Diamond-Blackfan Anemia
➤ https://github.com/vyrms/DBA_codes
- Applied machine learning on brain volume and depression
- Developed a periodicity correction function for ribosome profiling

NON-PROFESSIONAL EXPERIENCE

3000IQ Discord Bot

- Developed a Discord bot with many functions using Python and MySQL
- https://github.com/vyrms/Discord_bot1

Hotpot

- Developed a side-scroll game with two others
- Managed the team by distributing tasks and reminding teammates about tasks to complete
- <https://sherronthomas.itch.io/hotpot-team-12-public>

EDUCATION

University of Texas at Austin, Austin, TX May 2021

- *Bachelor of Science in Biology*, Concentration in Computational Biology
- Certificate in Elements of Computing, Certificate in Applied Statistical Modeling

COMPUTATIONAL AND PROGRAMMING SKILL

- | | | |
|-------------------------|---------------------|--------------------|
| • R (ggplot2) | • Python/ C++ | • Git |
| • Bash/ Linux | • Tableau/ PowerBI | • AWS/ GCP |
| • Html/ Css/ Javascript | • MySQL/ PostgreSQL | • Machine Learning |

FOREIGN LANGUAGES

Native Japanese, Native English