ANNA QI

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EDUCATION

SEPTEMBER 2019 - EXPECTED JULY 2023

University of California, San Diego La Jolla, CA

B.S. Bioinformatics | GPA: 3.9

Eleanor Roosevelt College Honors Program. Provost Honors x3. Sustain-a-thon 2019 3rd place

Relevant Coursework: Introductory Biology Lab, Genetics, Organic Chemistry, Software Tools & Techniques Lab, OO Design, Computer Organization and Systems Programming, Advanced Data Structures, Probability Statistics

PROFESSIONAL EXPERIENCE

JANUARY 2020 - CURRENT

Academic Personnel Assistant at Dean's Office, Scripps Institute of Oceanography, La Jolla, CA

— Organize and expand an online database for professors at Scripps, digitize physical records, and compile informational spreadsheets using Microsoft Excel.

AUGUST 2018 – JUNE 2019

Math and English Tutor, Kwan Academy, San Jose, CA

— Tutored elementary children in mathematics and language arts and assisted with their homework.

OTHER EXPERIENCE

OCTOBER 2020 - CURRENT

Undergraduate Bioinformatics Researcher, Chi Hua Chen Lab, La Jolla, CA

— Utilizing machine learning tools such as XGBoost in R to understand factors that affect an individual's deviation in brain age from their actual age.

— Using R to do data exploration and visualize results from MRI scans.

OCTOBER 2019 - CURRENT

Webmaster and Project Team Member, Engineering World Health @ UCSD, La Jolla, CA

— Update and design the website (ewh.ucsd.edu) which connects prospective as well as current members with the organization's leadership using HTML, CSS, and Bootstrap.

— 2020-21: Creating a diabetes monitoring mobile application to monitor different vitals and symptoms to give patients information to understand their disease. In partnership with local nonprofit, Champions for Health.

— 2019-20: Researched, planned, and designed affordable and sustainable gait correcting shoes.

SKILLS

Programming Languages: Python, R, Java, C, C++, HTML/CSS, JavaScript

Tools: Unix, Vim, Microsoft Office, Bootstrap

PROJECTS

Personal Website (https://bananna16.github.io/personal/)

— Using HTML, CSS, Javascript, and Bootstrap, created a personal website to showcase my accomplishments and capabilities in a streamlined format.

Etch-A-Sketch (https://bananna16.github.io/etch-a-sketch/)

— Using HTML, CSS, and JavaScript, recreated the classic Etch A Sketch toy. Implemented simple coloring abilities and a customizable grid.