JASON HSU

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EDUCATION

University of California, San Diego   Graduation Date: June 2023
B.S in Machine Learning and Neural Computation with a minor in Computer Science
- Coursework: Data Structures and Algorithms (Java), Data Analysis and Machine Learning (Python)
GPA: 3.80 with Provost Honors 2021

University of California, Riverside   Transferred Date: September 2020
Coursework in Neuroscience
GPA: 3.72 with Dean's Honors 2020

WORK EXPERIENCE

Northrop Gruman (High School Internship Program)   March 2018 - June 2018
System Security/Software Engineering Intern   San Diego, CA
- Worked closely with both Security Engineer and Software Engineer teams to fulfill team needs.
- Designed a Python script which extracts 1000+ Common Vulnerabilities and Exposures security patches each month and exports organized CSV format report for security engineers to review.

UCR School of Medicine Stroke Lab Research   July 2019 - September 2019
Research Assistant   Riverside, CA
- Worked with a diverse team and learned key skills to teamwork such as taking on responsibility, partake in project planning, and presenting in weekly meetings.
- Assisted research on Neuregulin-1, a cell adhesion molecule that helps patients recover from an ischemic stroke, by culturing neuroblastoma cells, sectioning the mouse brain for study.

Kaiser Permanente Hospital   September 2019 - March 2020
Emergency Department Care Ambassador   Riverside, CA
- Acquired efficient communication skills in the chaotic environment to effectively work as a team.
- Learned to quickly adapt to new situations and manage time efficiently to best support doctors and nurses.
- Shadowed and assisted doctors and nurses for over 80 hours of commitment at the emergency department.

PROJECTS

Personal Webpage (https://jhcode14.github.io/personal-webpage/)
- Developed my front-end static web portfolio using JavaScript, Typescript, React.js, Next.js, and Node.js.

Costco Item Tracker (https://github.com/jhcode14/Costco_Item_Tracker)
- Designed a Python based software that retrieves information of Costco items from its website.
- Utilized object-oriented programming, and pre-built libraries such as Tkinter and Request.

CERTIFICATES

Object-Oriented Programming in Java   October 2020
Online course offered by UC San Diego at Coursera
Neural Networks and Deep Learning   April 2021
Online course offered by DeepLearning.AI at Coursera

PROGRAMMING LANGUAGES AND SKILLS

- **Languages**: Python, Java, JavaScript/HTML/CSS, TypeScript
- **Technologies**: React.JS, Next.JS, Node.JS , Git, Jupyter Notebook