Joseph Chang

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Github: https://github.com/DevoTrix LinkedIn: https://www.linkedin.com/in/jchan443/

Education

University of California - Riverside   Riverside
Bachelor of Science in Computer science   Sep 2020- March- 2024
GPA: 3.24

Experience

Agricultural Technician II   July, 2024-PRESENT
California Department of Food and Agriculture   Riverside
- Follow established protocols for visual survey, pesticide use, eradication and detection/delimitation trapping.
- Service various insect traps, perform visual surveys and insect sweeps,
- Visually inspect for target pest damage on local plant hosts, and conduct eradication treatments (mixing and application of spray materials).
- Collect, process, and package suspect plant and insect samples that are removed from foliage using various insect/plant collection tools and
- Inspected for target pests.
- Screen wet and dry traps for target pests (plant and insect).
- Examine content of traps visually, which may contain hundreds of plant samples,
- Utilized Survey123 and ArcGIS to submit surveys.

Student Lead   Jan, 2023 - Oct, 2023
UC- Riverside Dining Services   Riverside

- Trained students to perform their duties in maintaining a sanitary eating area
- Oversaw staff to ensure efficient and smooth operation
- Ensure students maintain safe practice
- Operated Heavy machinery in order to ensure the dining hall functions properly

Student Assistant   Sept. 2021 - Jan, 2023
UC- Riverside Dining Services   Riverside
- Assist dining staff in maintaining a sanitary eating area,
- Assist chefs in preparing or dispensing meals
- Restocked various items when supplies run low

Projects

Portfolio Project - josephchang.org
Using typescript and Nextjs as a front end, I have created a functional site where I put more of myself out there.

Salton Sea Air Filtration Project
Developed a system where residents and researchers could access already placed air quality sensor data. While residents are only able to view their own data, researchers are able to log in and view every data, on a map utilizing LeafletJs along with data visualizations. Done using NodeJs, and python.

Languages

- **Python**
- **Javascript/Typescript**
- **Nodejs**
- **SQL**
- **C++**
- **Java**
- **C#**

FrameWorks

- **ReactJS**
- **NextJS**
- **MongoDB**
- **ExpressJS**
- **Jupyter Labs**
- **ArcGIS**

Skills

- **Hard Working**
- **Fast Learner**
- **Computers**
- **Web Development**