KYLE DAMSCHEN

951-663-7361 ⬦ Murrieta, CA

kdams001@ucr.edu ⬦ linkedin.com/Kyle-Damschen ⬦ [github](https://github.com)

PROFILE

A career motivated software engineer that is currently working on a variety of projects with the Citrus Clonal Protection Program to increase productivity of lab teams through technology. I am currently seeking to enhance my technical knowledge and solve complex problems as a software engineer.

EDUCATION

Bachelors of Computer Science, University of California, Riverside   09/2021 - 06/2023

GPA: 3.70

Relevant Coursework: Probability and Statistics, Intermediate Data Structures and Algorithms, Software Construction and Testing, Database Management, Concurrent Programming, Operating Systems, Compiler Design, Artificial Intelligence, Intro to Machine Learning, and Embedded Systems.

Associates of Mathematics, Palomar College   08/2018 - 05/2021

GPA: 3.73

SKILLS

Technical Skills	Python, Django, C++, JSON, JavaScript, MSSQL, React.JS, Vue.JS, CSS, HTML, GIT, Node.JS, REST API, and Agile/Scrum
Soft Skills	Problem Solving, Accountability, Strong Communicator

EXPERIENCE

Full Stack Developer   Feb 2022 - Present
Citrus Clonal Protection Program   *Riverside, CA*

- Revamped a web application achieving 100% UI responsiveness using HTML, CSS, and JavaScript.
- Developed a full stack web application which led to a 50% improvement in lab team input and retrieval time using JavaScript, JQuery, HTML, CSS, Microsoft SQL, Express.JS, and Node.JS.
- Developed a REST API server to handle communication between multiple applications.

PROJECTS

Testing Center Application. Building a full stack testing center application in a team of 4 for UC Riverside using Vue.js, Django, Docker, and PostgreSQL that will allow professors to schedule exams outside of class in a proctored setting. This project involves daily scrum meetings, robust testing, agile practices, and a secure platform for users.

RC Car Automation. Built an autonomous RC car in a team of 4 using Python, Machine Learning, Networking, and google cloud services to achieve self driving with real time data collection to detect traffic and road blockages to then find a better/faster route for all cars on the network. This Project involves agile practices and full system testing.

Console Chess Game. Built a console chess game in a team of 4 using the strategy and singleton design patterns, agile development practices, unit testing, and memory testing. This project was built in C++.

EXTRA-CURRICULAR ACTIVITIES

- **ACM Software Developer.** Developed a club web portal for members of ACM@UCR using React, Next.js, Firebase, Agile Methodologies, and Tailwind CSS to provide an easy way for members to keep up to date with club events and request services that the club offers.