

Dennis Li

15469 Paseo Ajanta, San Diego, CA / lidennis610@g.ucla.edu / 858-722-9387

Summary

A computer scientist with industry experience in both backend and frontend, seeking to work at the forefront of software and technological development. An avid learner and problem solver currently fascinated by topics in computer vision and algorithm development.

Education

Computer Science

UCLA, Los Angeles, CA

06/2024

- GPA: 3.7; Dean's Honor List
 - Relevant Coursework: Software Construction, Operating Systems, Computer Architecture, Computer Systems and Design, Data Structures
 - Social Media Chair for Upsilon Pi Epsilon (Computer Science Honors Society for top 1% of students)
-

Experience

General Atomics

Software Engineering Intern, Poway, CA

06/2022 - 09/2022

- Create new testing framework to plan missions for the MQ-9 Reaper, one of the top military drones in the world
- Implemented functionality for automating the creation of operational missions and loiters
- Using the linux file system and the testing framework, write Python scripts to automate the testing of mission planning
- Fulfilled 250+ testing requirements

Northrop Grumman

Software Engineering Intern, San Diego, CA

06/2020 - 09/2021

- Devised a workflow to review standardized processes and process documents using Python's pandas packages and **improved efficiency by 40%** by automating the initial review process of scanning **5000+ document pages** to find reference numbers
 - Created **website accessible to 95,000+ employees** where they can learn about different engineering processes in Northrop Grumman's database through a user-friendly interface
 - Created list of 50+ startup companies that align with Northrop Grumman's mission using a **keyword-based search algorithm** that matched text descriptions of different company websites
-

Skills

C, C++, Java, Python, React, Node.js, Git, Subversion, Javascript, Linux

Languages

English, Chinese, Spanish