Jonathan Dang

+1(626)759-8847 • dangjona@gmail.com • U.S. Citizen • Los Angeles, California
https://github.com/Jonathan-Dang • https://www.linkedin.com/in/jd-jona-dang

Objective

Aspiring Software Developer that is looking for full-time employment, willing to diversify into other sects of Computer Science like IT, Cyber Security, and Database Management.

Experience

Fiscal And Systems Intern   **Los Angeles, CA**
Bureau of Street Services - TFLA   February 2023 – Present
- Update, Review, and Generate 100s of reports by pulling information from the BSS databases by using Crystal Reports and SSRS toolkits.
- Managed the intranet system of the Fiscal department, hosting 1,000+ unique reports.
- Created SQL databases and tables based on current city events which are used to report on multi-million dollar projects.
- Coordinated with IT and other System teams to fix and debug issues with co-worker's computers.

Computer Science Tutor   **Pasadena, CA**
Pasadena City College   August 2021 – June 2022
- Assisted students with understanding concepts covered in their classes by reviewing common paradigms that appear within the lesson.
- Composed specialized tests composed of all topics taught in the computer science courses to measure the progress of students' understanding.
- Arranged additional sessions to students that still required additional assistance.

Skills

[Programming Languages]:	[Software] Crystal Reports 9,	[Microsoft Office]: Word, Excel
C/C++, Python, JAVA, mySQL, mongoDB, MASMx86, HTML/CSS/JavaScript, Node.js	Cold Fusion, AWS Cloud Processing, Unity, Matlab, Github, Google Suite	

Projects

UAV Multi-UAV Path Planning Simulation   **MathLab & Python**
- Developed a simulation involving multiple UAVs to navigate from a starting point to an ending point within a vast simulated landscape.
- Worked with 9 other students over the course of an entire year to create a running product
- Uses Simulink and a plethora of algorithms such as the A* algorithm to properly simulate navigation.

Graphing Calculator   **C++**
- Developed a Windows Based App using SFML that emulates a graphing calculator.
- Maps and plots a user-entered function with the complexity of quadratic and below to the screen.
- Uses self-made Shunting Yard, RPN, Stacks, Queues, and Vectors within the backend of the app.

Education

California State University - Los Angeles   August 2022 –May 2024
Bachelor of Science, Computer Science
Awarded Cum Laude Honors

Pasadena City College – Computer Science   Graduated May 2022
Associate in Arts, Business and Technology
Associate in Arts, Natural Sciences

Leadership Experience

Association of Computer Machinery - ACM
Project Officer | Project Manager   December 2022 – May 2023
- Led a group of sixty students in developing portfolio websites using HTML, CSS, and JavaScript.
- Organized bi-weekly sessions that taught Web Development Basics and design philosophies.
- Taught student peers fundamentals of Github and Github Pages.