

Ahmed "VisualPlugin" Abo-Shadi

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I'm seeking a full- or part-time position in Orange County, California. I can work remotely or in-person. My objective is to work for a software company which promotes social good and nurtures coöperative relationships!

Technical Skills

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|-----------------|-----------------|--------------|------------------|---------------------|
| • Network Stack | • PowerShell | • Bash | • MongoDB | • C++ |
| • TCP/IP | • Windows | • Node.JS | • TOTP auth. | • MySQL |
| • Python | • GNU/Linux | • HTML5/CSS3 | • Docker Compose | • Documenting stuff |
| • FFmpeg | • Android/Linux | • NoSQL | • Roblox Lua(u) | • VS Code |

Education

<u>University of California, Irvine</u> – 3.671 GPA <ul style="list-style-type: none">- Completed a B.S. in Software Engineering- Demonstrated strong proficiency in courses relating to the network stack- Enrolled at the school of Informatics & Computer Science- Participated at ACM; devised and presented solutions for LeetCode problems- Started course track for MS in Software Engineering programme at CSUF	March 2024
<u>Santiago Canyon College</u> – 3.6 GPA <ul style="list-style-type: none">- Majored in Computer Science; graduated with an A.A. in Liberal Arts- Earnt a 4.0 GPA for major-related courses	May 2020

Projects

<u>Screwdja-YuJa</u> was a severe vulnerability in YuJa's API that I identified and reported. <ul style="list-style-type: none">- Bootstrapped effort to release a major security patch after ~2 days- Exposed saved videos and metadata, resolved after notification	2022-12
<u>Bring Back Buffets</u> was a mobile web app written in JavaScript with the objective to revive buffets that had to close due to Covid. This project's user-interaction model drew inspiration from how Korean barbecue establishments operate. <ul style="list-style-type: none">- Engineered separate user interfaces for customers, cashiers, and kitchen staff- Streamlined the Covid dining experience UX with mobile device ordering- Developed a cashier system for efficient order tracking- Built a front-end for bussers to ensure timely order preparation and delivery	2021-03 / 2021-04

Work/Community Experience

<u>Contracted Graphic Designer @ Islamic Institute of Orange County</u> et al. Advertised social events with non-profits, such as Islamic Institute of Orange County and Sabil USA Designed real-estate marketing materials for Berkshire Hathaway agents Commissioned to design over 20 event fliers for non-profit organizations	2016-04 / Present
<u>Internship @ CSU Fullerton</u> under the Val Tech Program Assisted in the development of a brain-computer interface with graduate students Designed user interface for mock-up calibration procedure Project coordinated by Professor Kiran George, PhD	2017-09 / 2018-05
<u>Professional Engineering Course Center</u> (on call) Consulted in provisioning GNU/Linux file servers for office use using Ubuntu and Samba Assisted in architectural and structural design plans of commercial and industrial sites	2015-06 / Present