

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

• Node.JS	• Roblox Lua(u)	• GNU/Linux	• C++	• Documentation
• HTML5/CSS3	• Python	• Network Stack	• Docker Compose	• VS Code
• React	• FFmpeg	• TCP/IP	• PHP	• UX Design
• MongoDB	• PowerShell	• Bash	• MySQL	

Education

<u>University of California, Irvine</u> – 3.671 GPA	March 2024
<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	

Projects

<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
<u>GoAnimate Wrapper</u> is a locally-hosted project with product features to interop with Vyond's Legacy Video Maker. With a team of community experts, Wrapper became my most significant production-level full-stack web infrastructure project. <ul style="list-style-type: none">- Created a modern Node.JS interface replicating GoAnimate's back-end functionalities- Reverse-engineered Shockwave Flash files and analyzed legacy ActionScript code- Delivered hundreds of engaging video experiences by May 2021- Over 21,000 results on a YouTube query for Wrapper and derivative works	2019-12 / 2020-11
<u>Tubeup</u> is a project I reviewed and contributed code to re-upload my YouTube videos to the Internet Archive. <ul style="list-style-type: none">- Addressed apparent bugs within a payload of 234 YouTube videos- Implemented fixes on GitHub to account for deleted assets- Intuited yt-dlp's Python interface	2023-08

Work/Community Experience

<u>Contracted Graphic Designer @ Islamic Institute of Orange County</u> <i>et al.</i> Advertised social events with non-profits, such as Islamic Institute of Orange County and Sabil USA Commissioned to design over 20 event fliers for non-profit organizations	2016-04 / Present
<u>Professional Engineering Course Center</u> <i>(on call)</i> 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