

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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|--------------|-----------------|-----------------|------------------|-----------------|
| • 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

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| <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

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| <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>Windows81.github.io</u> is a personal website hosted on GitHub Pages. <ul style="list-style-type: none">- Compiled my creative 3D-showcasing work on Rōblox- Incorporated elements of responsive philosophy- Hand-coded using HTML and CSS, sans third-party frameworks | 2020-05 |

Work/Community Experience

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| <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 Commissioned to design over 20 event fliers for non-profit organizations | 2016-04 / Present |
| <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 |