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

- MySQL; MongoDB
- Hands-on IT Experience
- API Design
- Network Configuration
- Python; PHP; Node.js
- Collaboration and Cross-team Communication
- Version Control
- Bash/Powershell Automation
- Microsoft Systems
- HTML5/CSS3
- MongoDB
- Docker Compose
- TCP/IP Protocols

Education

<u>California State University, Fullerton</u>	prospective

- _Pursuing a MS in Computer Engineering_
- _Investing in a stronger emphasis in computer hardware_

<u>University of California, Irvine</u>	March 2024

- _Completed a BS in Software Engineering with a GPA of 3.671_
- _Enrolled at the school of Informatics & Computer Science_
- _Participated at ACM; devised and presented solutions for LeetCode problems_
- _Started course track for an MSE in Computer Engineering at CSUF_

<u>Santiago Canyon College</u>	May 2020

- _Majored in Computer Science; graduated with an AA in Liberal Arts_
- _Re-took courses in data structures; enrolled in STEM Academy_
- _Earnt a 4.0 GPA for major-related courses_

Projects

<u>Rōblox Freedom Distribution</u> is a streamlined culmination of research to allow users to host and join Rōblox servers in a local- or wide-area network.	2023-07 / current

- _Designed and deployed cross-platform network configurations to optimize client-server connectivity_
- _Conducted diagnostic programs to monitor server performance and address network issues_
- _Troubleshot technical problems for warehouse-style multi-user environments in a LAN/WAN configuration_

<u>Webhooky</u> was a lightweight, database-driven webhook proxy for Rōblox games interacting with Discord's webhook API.	2018-02 / 2019-09

- _Developed webhook integrations and API notifications to safely transfer data between multiple platforms_
- _Created a backend framework optimized for high database performance using SQL (MySQL), PHP, and RESTful APIs_
- _Designed and tested systems for real-time communication and integration error debugging_

<u>Tubeup</u> is a project I reviewed and contributed code to re-upload videos from a YouTube channel to the Internet Archive.	2023-08

- _Debugged network-interaction code related to video payload delivery, ensuring fault-tolerant operations_
- _Built Python tools to enhance compatibility across cloud-hosted infrastructure_
- _Contributed fixes toward optimizing file transfer protocols and video metadata archiving_

<u>Rōblox Script Executor</u> was a command-line interface facilitating script execution on Rōblox.	2022-07 / 2023-05

- *Built T-SQL scripts for managing and organizing large-scale database parameters*
- *Automated the execution of customizable CLI workflows for server operators across remote APIs*
- *Developed operational tooling to streamline backend command operations and debugging efforts*

GoAnimate Wrapper is a locally-hosted project with product features to interop with Vyond's Legacy Video Maker. With a team of community experts, Wrapper became a significant full-stack web infrastructure project. | 2019-12 / 2020-11

- *Designed backend tools to improve fault-tolerant server processes for ground-up troubleshooting*
- *Provided user-facing logging systems for both network events and asset generation pipelines*
- *Conducted performance metrics and led implementation updates for continuous system improvement*

Work/Community Experience

Front-end Developer at GameIn *a tool to match e-sports streamers and financial sponsors* | 2023-09 / 2024-03
- *Implemented mobile-responsive pages using Next.js (and thus React) from existing mockups, enhancing user experience.*
- *Collaborated directly with developers and C-suite personnel to gather requirements and ensure alignment with business objectives.*
- *Contributed to building and presenting a team-wide slide deck in Google Slides, utilizing Figma for design consistency.*

Contracted Graphic Designer @ Islamic Institute of Orange County *et al.* | 2016-04 ⁄ Present
- *Advertised social events with non-profits, e.g. Islamic Institute of Orange County and Sabil USA, utilizing data-driven design strategies.*
- *Designed real-estate marketing materials for Berkshire Hathaway agents, focusing on effective communication of key messages.*
- *Commissioned to design over 20 event fliers for non-profit organizations, ensuring alignment with branding and audience engagement.*

Internship @ CSU Fullerton *under the Val Tech Program* | 2017-09 ⁄ 2018-05
- *Assisted in the development of a brain-computer interface with graduate students, applying analytical skills to support research objectives.*
- *Designed user interface for mock-up calibration procedure, enhancing usability and user experience.*
- *Project coordinated by Professor Kiran George, PhD, fostering collaboration and communication skills.*

Professional Engineering Course Center *(on call)* | 2015-06 / Present
- *Consulted in provisioning GNU/Linux file servers for office use using Ubuntu and Samba, enhancing data management capabilities.*
- *Assisted in architectural and structural design plans of commercial and industrial sites, applying analytical thinking to design challenges.*

Raising Cane's; El Pollo Loco *(customer service, part-time)* | 2019-08 / 2021-06
- *Effectively communicated with customers and team members in a fast-paced environment, enhancing customer satisfaction.*
- *Assumed different roles within the restaurant to support overall operations, demonstrating flexibility and teamwork.*
- *Handled cash transactions and utilized point-of-sale systems, ensuring accurate financial reporting.*
- *Addressed customer concerns and resolved issues in a positive and efficient manner, contributing to a positive customer experience.*
- *Analyzed pricing schemes according to market value, applying basic data analysis skills to support business decisions.*