Ahmed "VisualPlugin" Abo-Shadi

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Technical Skills

• Node.JS	• FFMPEG	• C# (.NET)	• Davinci Resolve	• Visual Basic
• HTML5/CSS3	• GNU/Linux	• Roblox Lua(u)	• FL Studio	
• Python	• Bash	• Affinity Photo	• MySQL	
• PowerShell	• C++	• PHP	• Microsoft Office	

Education

<u>University of California, Irvine</u> – *3.64 GPA*   June 2023
BS in Software Engineering at the school of Informatics & Computer Science.
Participated at ACM; devised/presented solutions for LeetCode problems.

<u>Santiago Canyon College</u> – *3.6 GPA (4.0 in major)*   May 2020
Majored in Computer Science; graduated with an A.A. in Liberal Arts.
Took courses in data structures; enrolled in STEM Academy.

Projects

<u>Rōblox Custom Catalogue</u> is an open-source marketplace that allows users to sell their own hats/accessories, and packages outside the official Rōblox avatar store.   2021-06 ⁄ Present
- *Drafted a sleek and modern user interface for the using Rōblox Studio, sans 3rd-party libraries.*

<u>GoAnimate Wrapper</u> is a locally hosted project designed to interop with Vyond's Legacy Video Maker. With assistance from a team of community experts, Wrapper became my most significant production-level full-stack web project to date.   2019-12 ⁄ 2020-11
- *Coded a modern API in Node.JS to replicate server functionalities*
- *Reverse-engineered Shockwave Flash files and analysed legacy ActionScript code.*
- *Hundreds of minutes of engaging video experiences were delivered as of May 2021.*
- *More than 21,000 total results appear on a YouTube query for Wrapper and derivative works.*

<u>Webhooky</u> was a lightweight, database-driven webhook proxy project intended for ROBLOX games to interact with Discord's webhook API.   2018-02 ⁄ 2019-09
- *Made use of PHP, MySQL, and PHPMyAdmin to process and store request logs.*
- *Over 200 game developers used the service to help transfer data to Discord.*

Work/Community Experience

<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.

<u>Graphic Designer @ Islamic Institute of Orange County et al.</u>   2016-04 ⁄ 2020-03
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.

<u>Internship @ CSU Fullerton</u> – *under the Val Tech Program.*   2017-09 ⁄ 2018-05
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.