

# Ahmed "VisualPlugin" Abo-Shadi

+1 (714) 463 5142 [www.github.com/Windows81](https://www.github.com/Windows81) [aboshadi.n.ahmed@gmail.com](mailto:aboshadi.n.ahmed@gmail.com)

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
- Python
- PowerShell
- Bash
- MySQL
- HTML5/CSS3
- Git; GitHub
- GNU/Linux
- C++
- Documenting stuff
- React
- Roblox Lua(u)
- Network Stack
- Docker Compose
- VS Code
- MongoDB
- FFmpeg
- TCP/IP
- PHP
- UX Design

## Education

University of California, Irvine – 3.671 GPA

- 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

## Projects

Bring Back Buffets 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.

- 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

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 my most significant production-level full-stack web infrastructure project.

- Created and scaled 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

Tubeup is a project I reviewed and contributed code to re-upload videos from my YouTube channel to the Internet Archive.

- 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

Front-end Developer at Gameln — a tool to match e-sports streamers and paying sponsors  
Implemented mobile-responsive pages using Next.js (and thus React) from existing mockups  
Collaborated directly with other developers and C-suite personnel

2023-09 / 2024-03

Professional Engineering Course Center (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