

# 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
- Python
- PowerShell
- MySQL
- OBS Studio
- HTML5/CSS3
- FFmpeg
- C++
- Documenting Stuff
- Filmora 13
- React
- Git; GitHub
- Android/Linux
- Affinity Photo
- Blender
- MongoDB
- GNU/Linux
- Docker Compose
- FL Studio
- VS Code
- Roblox Lua(u)
- Bash
- PHP
- Microsoft Office
- OpenDocument

## Education

### California State University, Fullerton

- Pursuing a MS in Computer Engineering
- Investing in a stronger emphasis in computer hardware

prospective

### University of California, Irvine

- 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

March 2024

### Santiago Canyon College

- Majored in Computer Science; graduated with an AA in Liberal Arts
- Re-took courses in data structures; enrolled in STEM Academy
- Earned a 4.0 GPA for major-related courses

May 2020

## Projects

ScrewDja-YuJa was a severe vulnerability in YuJa's API that I identified and reported.

- Bootstrapped effort to release a major security patch after ~2 days
- Exposed saved videos and metadata, resolved after notification

2022-12

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

## Work/Community Experience

Contracted Graphic Designer @ Islamic Institute of Orange County et al.

- Advertised social events with non-profits, e.g. Islamic Institute of Orange County and Sabil USA
- Commissioned to design over 20 event fliers for non-profit organizations

2016-04 / Present

Internship @ CSU Fullerton under the Val Tech Program

- 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

2017-09 / 2018-05

Professional Engineering Course Center (on call)

2015-06 / Present

- *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*