

Ahmed Vip Abo-Shadi

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## Skills

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

## Education

### California State University, Fullerton (prospective)

Pursuing a MS in Computer Engineering

Investing in a stronger emphasis in computer hardware

### University of California, Irvine (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

### Santiago Canyon College (May 2020)

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

## Work

### Contracted Graphic Designer @ Islamic Institute of Orange County (Apr 2016 / Present)

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

### Internship @ CSU Fullerton (Sep 2017 / May 2018)

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

## Professional Engineering Course Center (Jun 2015 - Present)

(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

## Projects

### Screwdja-YuJa (Dec 2022)

<https://github.com/Windows81/Screwdja-YuJa>

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

### Bring Back Buffets (Mar 2021 - Apr 2021)

<https://github.com/Windows81/Bring-Back-Bufferets>

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