

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
- Roblox Lua(u)
- GNU/Linux
- C++
- Documentation
- HTML5/CSS3
- Python
- Network Stack
- Docker Compose
- VS Code
- React
- FFmpeg
- TCP/IP
- PHP
- LabView
- MongoDB
- PowerShell
- Bash
- MySQL

Education

University of California, Irvine – 3.671 GPA

March 2024

- 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

Santiago Canyon College – 3.6 GPA

May 2020

- Majored in Computer Science; graduated with an A.A. in Liberal Arts
- Earnt a 4.0 GPA for major-related courses

Projects

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

2022-12

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

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.

2021-03 / 2021-04

- 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

Work/Community Experience

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

2016-04 / Present

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

Internship @ CSU Fullerton 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

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