Jim Fang

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🎓 High School Diploma,
The College Preparatory School, 2019-2023 (expected)

Overview

I am a tech-enthusiast and creator with real-world skills in web application development, networking & IT, and consumer electronics. I have experience leading and supporting various organizations, from school clubs to 501 (C) 3 non-profits to for-profit businesses.

Technical Skills: JavaScript/Node.js, Web Scraping, HTML, CSS, MongoDB, Twilio SendGrid, CircleCI, Docker, Google Cloud, Heroku by Salesforce, Cloudflare, Ubiquiti Unifi IT/Networking

Leadership/Business Skills: Social Media (Instagram, Twitter, Facebook & Discord), Graphic Design (Photoshop), Wix, Google Analytics, Google Ads, Amazon Seller Central, Amazon Pay-Per-Click Advertisement, Google My Business

Language Skills: English (Native/Bilingual), Mandarin Chinese (Native/Bilingual), French (Elementary Proficiency)

Experience

Founder @ Innovox Inc. (amazon.com/dp/B07X7Y5XRY & innovoxtech.com) – *4/2019 – present*
Key Skills & Experiences: Amazon Seller Central, PPC, FBA, Brand Registry/Industrial, PCB Design/Mass-production & PCB Manufacturing/U.S. & China Import Export Control /Kickstarter/Crowdfunding/ProductHunt/USPTO Patents & Trademarks & CNIPA Patents in China/RoHS, CE, FCC Regulatory Certifications

- Founder of start-up manufacturing and selling the first metal MacBook protection case on the market & the first all-in-one magnesium alloy protection case & USB-C hub on the market designed to restore USB-A, SD, Micro SD, HDMI ports to the 2016-2020 Apple MacBook Pros.
- Brought product from idea to ready for sale in less than 1.5 years. Responsibilities include executing & leading fundraising through Kickstarter, initial designs & drawings, industrial design & CAD modeling, manufacturer selection, CNC & die casting prototyping & mass-production, logistics, marketing/sales & after-sales support.
- Patents granted in the United States (USD931859S1) & China (CN209657184U), RoHS, CE, FCC regulatory certifications in the U.S. & Europe.

Public Relations Manager, iOS & Android Mobile App Developer & Website Administrator @ Financial Literacy for You 501(C)3 (financialliteracyforyou.org) – *8/2019 – Present*
Key Skills, Experiences & Technologies: Social Media Marketing (Instagram, Facebook, Nextdoor, Twitter)/Wix Website Management/React Native Mobile App Framework by Facebook/MMKV Mobile Storage by Tencent

- Promoted activities & mission of the organization on social media & Supported on-the-ground instructors with marketing & promotion.
- Updated the organization's website & Responded to all incoming communications via the website.
- Designed, implemented & deployed iOS & Android budget tracker for kids using React Native by Facebook & MMKV by Tencent in under 15 days.
- 7000 youths reached in the past 3 years; corporate sponsors include VISA, Wells Fargo, etc.

Projects

db8bot (github.com/AirFusion45/db8bot & github.com/AirFusion45/tabroomAPI) – *2/2020 - present*
<u>Key Technologies:</u> `Node.js/Cheerio/Puppeteer by Google/ExpressJS by OpenJS Foundation/MongoDB Atlas by MongoDB (NASDAQ: MDB)/Google Cloud`
- Designed, implemented & deployed Discord application to search Open Access for paywalled research & interact with the high school/college debate tabulation website.
- Reverse engineered the largest debate tabulation website in the U.S. and designed & implemented a custom programming interface to allow 3rd party computer programs to interact with the debate tabulation website via web scraping.
- 285,000+ Users, Trusted in 23,000+ Channels in 733+ Guilds, 35 stars on GitHub, Application verified by Discord as part of the Early Verified Developer Program.

Google Docs Verbatim Template (sites.google.com/a/d219.org/debate-template) – *8/2021 - present*
<u>Key Technologies:</u> `JavaScript/Google Apps Script`
- Updated deprecated & non-functional code to restore functionality in the most-used debate formatting Google Docs Addon.
- Added hotkey support to Google Docs Addon via JavaScript injection.
- Changes approved by project creator & deployed to 191,000+ users.

All-in-One COVID Dashboard (github.com/AirFusion45/SARS-CoV-2-Dashboard) – *3/2020 – 4/2021*
<u>Key Technologies:</u> `JavaScript/Materialize CSS/Cloudflare (NYSE: NET)/cPanel by cPanel L.L.C`
- Implemented & deployed website for use in command & control center displays. Website embedded 3 COVID dashboards from universities & public health departments and live Twitter feeds from CDC & WHO.
- 500-600 Unique Visits/Month, 6000 Request/Month at peak.

Licenses & Certifications

OpenJS Node.js Application Developer (JSNAD) – Issued 8/2021, Expires 8/2024
Credential ID: LF-g3d7xfu6dz (<u>Verification</u>)
- Tests and verifies candidates' skills in using Node.js to create web-based applications & assures that Certified Developers have the skills, knowledge, and competency to perform the responsibilities of an intermediate Node.js developer.
- Ideal for the intermediate Node.js developer with at least two years of experience working with Node.js.
- Youngest candidate to attempt & pass certification exam @ 16 years old.

Honors & Awards

Stanford Association for Computing Machinery: ProCo – 5/2017 (<u>Verification</u>)
<u>Competition Description:</u> `Computer programming contest for high school students in the style of the college-level Association for Computing Machinery – International Collegiate Programming Contest`
- Novice Speed Round: 2nd Place
- Novice Special Round: 1st Place

Courses & Programs

- **Digital Marketing @ Stanford Pre-Collegiate Studies– 7/2019 – 8/2019**
- **Cryptography and Computer Security Project-Based Program @ Carnegie Mellon University with Prof. Vipul Goyal – 10/2020 – 12/2020**