

<b>CONTACT</b>	<b>Yifan Zhang</b> yifanzbox@gmail.com (408) 580-6608	<a href="https://yifanz.net">https://yifanz.net</a>
<b>SYNOPSIS</b>	<b>Front-end</b> software engineer with web and full-stack expertise. Experienced in extending products in large codebases at Google and Facebook. Previously worked on iOS development at Apple, hypervisor sandboxing on macOS, and open-source IDE plugin development.  Authorized to work in the United States (U.S. citizen).	
<b>EXPERIENCE</b>	<b>Google</b>	11/2022 - Present
	Extended Google Meet's layouts engine to accommodate new tile arrangements. Drove projects bridging Google Meet and Labs. Built prototypes to validate concepts and collaborated closely with UX, PM, and engineering teams to tackle highly ambiguous requirements.  TypeScript, Angular, C++, Protobuf	
	<b>Square</b>	10/2019 - 11/2022
	Developed the identity verification and disputes front-end for Cash App customer operations. Separately, worked on the QR code ordering and saved payment features in the Square Online checkout flow. Supported my team with oncall, onboarding, interviewing and promo.  JavaScript, React, TypeScript, Vue, Kotlin, PHP, SQL	
	<b>Facebook</b>	9/2018 - 9/2019
	Integrated the WhatsApp Status Ads configuration UI into Facebook Ads Manager. Subsequently, joined the backend infra team and collaborated with the DOJ on developing internal tooling for law enforcement inquiries.  JavaScript, React, Erlang, Hack	
	<b>Apple</b>	7/2017 - 8/2018
	Software engineer in Core OS. Implemented changes to support arm64_t8020 app installation on Apple Watch Series 4. Fixed chained symlink vulnerability in iOS 11.1 (CVE-2017-13804).  Objective-C, iOS, C	
	<b>Bracket</b> (acquired by VMware)	9/2014 - 6/2017
	Worked on the management console for deploying secured VMs on AWS. Took a leave of absence during this time to do my master's degree.  JavaScript, AWS, Python, Django, PostgreSQL	
	<b>LinkedIn</b>	7/2012 - 6/2014
	Front-end developer on the subscriptions team. Created the Dust language plugin for the IntelliJ IDE on the side.  JavaScript, HTML, CSS, Java	
	<b>Chuwa</b>	11/2010 - 7/2012
	Software engineer on the enterprise Java consulting group.  Java, Spring, Hibernate, MySQL	
<b>PROJECTS</b>	<b>HVM sandbox on macOS using Hypervisor.framework</b>  <a href="https://github.com/yifanz/masters-proj">https://github.com/yifanz/masters-proj</a>  <b>Dust custom language plugin for IntelliJ</b>  <a href="https://plugins.jetbrains.com/plugin/7214-dust">https://plugins.jetbrains.com/plugin/7214-dust</a> <a href="https://github.com/yifanz/IntelliJ-Dust">https://github.com/yifanz/IntelliJ-Dust</a>	
<b>EDUCATION</b>	<b>MS in Computer Science.</b> University of California, Los Angeles	2017
	<b>AWS Certified Developer - Associate</b>	2020
	<b>Linux Foundation Certified</b> Systems Administrator	2017
	<b>Oracle Certified Professional</b> , Java SE6 Programmer	2010
	<b>BS in Biochemistry.</b> University of California, Davis	2008
	<b>FAA-certificated Private Pilot</b> - ASEL, Instrument Rated	2023