

Harvey Chui

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www.harv.works – github.com/HarvWorks – linkedin.com/in/harvey-chui

Programming	JavaScript (ES6), Swift, Java, Python, C++, Ladder Logic
Front-End	Angular, React, AJAX, Bootstrap, SASS, CSS, HTML
Back-End	Node.js, Flask, Express.js, Socket.IO, AWS, EC2, Nginx
Databases	MySQL, MongoDB, Node, PostgreSQL, Mongoose
Software	Xcode, Android Development Studio, Git, Photoshop

Experience

Aarocare

Nov '16 - (present)

Lead Engineer – Sacramento, CA

- Collaboration in a team of 4 engineers to build apps for web, Android and iOS that allows users to connect with local doctors and request home visits.
- Building the Android app, much of the iOS app, the Node.js backend
- Technologies used include Android Development Studio, Java, Xcode 8, Swift, Apple Maps API, Socket.io, CoreData, Google Maps API, JWT, Node, MySQL, Bootstrap, AWS EC2

Central Contra Costa Sanitary District (CCCCSD)

Controls Engineer – Martinez, CA

(co-op) Jan '13 - Aug '13 | (full-time) Jan '14 - Aug '15

- Verified and documented control wiring and software to over 10,000 PLC I/O points
- Created the Air Regulatory Group DAQ system using C++ and DAQFactory
- Managed the integrity of the Dynac SCADA system

Education

Coding Dojo – San Jose, CA

Sep '16

Completed the rigorous, immersive full-stack web development program. Projects included:

MyFace 2.0

- A Facebook clone with live chat, the ability to pin locations within the chat window, a friend system, and a Facebook style wall.
- Technologies used include Flask, JavaScript, Google Maps API, Socket.io, MySQL

Pop It

- Built a motion controlled version of the game Bop-It.
- Technologies used include Xcode 8, Swift, CoreMotion, Core Data, AVFoundation

University of California, Berkeley

Aug '09 - Dec '13

Bachelor of Science in Chemical Engineering. Programming courses included:

- CHM ENG 160 (C++, Matlab, PLCs)
- CHM ENG 154 (C++, Matlab, Comsol)
- CS 10 (Java)

Additional Skills

Spoken Languages English (native), Cantonese

Leadership Alpha Chi Sigma (Professional Fraternity), UC Berkeley

Master of Ceremonies: Spring 2012, Social Chair: Fall 2011

Certification Engineer in Training – Oakland, CA, April 10, 2015

Other Technologies Dynac, Modsoft, DAQFactory, Matlab, 3D Max, Maya