

# COLIN MAN

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## | EDUCATION

**Dougherty Valley High School** ♦ San Ramon, CA  
High School Diploma, 2013; GPA 4.86/4.0

**Stanford University** ♦ Stanford, CA  
B.S. Computer Science, 2017; GPA 3.91/4.0

**Relevant Coursework:** CS107 (Organization and Systems), CS103 (Mathematical Foundations), CS109 (Probability), CS110 (Systems), CS161 (Algorithms)

## | SKILLS

### Languages

- C++
- Objective C
- C
- Java
- JavaScript
- PHP

### Frameworks/ CMS

- AngularJS
- ExpressJS
- WordPress

### Frontend

- HTML
- CSS
- JQuery

### Backend

- MongoDB
- MySQL
- SQLite
- NodeJS

### Web

- DNS
- REST

### Design

- Illustrator
- Photoshop
- Dreamweaver
- InDesign

### Tools

- Emacs
- Git
- XCode

### Language

- Mandarin
- Cantonese
- Spanish
- Japanese

## | EXPERIENCE

### CrowdMed, Full Stack Development Intern

San Francisco, CA

Jun '14 – Sep '14

- Delivered both UI and backend updates to medical diagnosis platform with over 1500 users and 300 cases using MEAN stack.
- Provided key insights on the development of new features such as a customized registration page and dashboard statistics to solidify customer base and increase site traffic.
- Devised, implemented and used internal RESTful web services to facilitate organized data transfer.
- Interacted with third-party API's such as PayPal, Stripe, HubSpot for payment and automation.

### Linivo Inc., Cofounder, Software Engineer

Palo Alto, CA

Aug '10 – Present

- Designed and developed 3 native iPhone apps used by over 3000 medical professionals for point-of-care decision support in obstetrics and family medicine.
- Utilized Cocoa framework and MVC development model to structure mobile applications.
- Integrated local SQLite and remote MySQL synchronization using RESTful web services.
- Managed App Store development, distribution, approval, and ad hoc beta testing processes.

### Asian Liver Center, Webmaster

Stanford, CA

Mar '11 – Present

- Created and improved 8 separate websites for hepatitis B education and outreach campaigns.
- Designed dynamic web content such as surveys and ordering systems with PHP and MySQL.
- Implemented interactive elements such as slideshows and forms with JavaScript and JQuery.
- Designed graphics and outreach materials with Illustrator, Dreamweaver, and Photoshop.

### The Fat Envelope, CEO/Founder

Stanford, CA

Oct '13 – Sept '14

- Launched essay review/counseling service to assist students in applying to undergraduate programs.
- Led a team of 10 core members, managing marketing, logistics, recruitment, and finance.
- Designed and developed online platform to integrate advertisement and payment through PayPal.

### Young Ivy Academy, Business Analyst

Pleasanton, CA

Jan '13 - Feb '14

- Outlined 200 pages of functional specifications defining requirements for an online tutoring system.
- Designed wireframes and webpage mockups using OmniGraffle diagramming application.
- Performed rigorous functionality testing of various modules to guarantee product quality.

### Stanford School of Medicine, Research Intern

Stanford, CA

Jun '12 - Aug '12

- Developed MRI prospective motion correction technique with stereoscopic tracking using OpenCV.

## | INTERESTS/ACTIVITIES

- *Hong Kong Student Association*, Core (2014-15): Conceptualized, planned, and executed events to promote cultural awareness on Stanford campus.
- *Stanford Blyth Fund*, Analyst Development Program: Facilitated identification of the most promising investments in various sectors to allocate \$170,000 of Stanford University's endowment.
- *Team HBV National Advisory Board*, Chair (2012-13): Managed a national network of student-run chapters to coordinate hepatitis B awareness outreach events.
- *San Ramon Valley Livermore Aquatics*, Varsity Swimmer: Competed on swim team for 10+ years.

## | PUBLICATIONS

- Man C, Nguyen C, Lin S. Effectiveness of a Smartphone App for Guiding Antidepressant Drug Selection. *Fam Med* 2014;46(8):626-630.