

Holman Gao

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Website: golmansax.com

Github: [golmansax](https://github.com/golmansax)

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New York, NY

Entrepreneur and freelance developer with a passion for social issues

WORK EXPERIENCE

Various companies

Freelance Software Engineer, Sept 2015 - Current

- ▶ Verse (verse.press)
 - * Built out initial features for poetry discovery website
 - * Optimized website for SEO and social sharing to help traffic growth
 - * Stack: Python, Django, Typescript, React, GraphQL, Postgres, Heroku
- ▶ NaturalizeUs (naturalizeus.org)
 - * Develop initial product, which allows applicants to fill out the naturalization form (N-400) online
 - * Stack: Python, Django, React, GraphQL, Postgres, Heroku
- ▶ Zenysis (zenysis.com)
 - * Worked on a data analytics platform (web) used by governments and international organizations to tackle global health issues
 - * Stack: Python, Flask, React, MongoDB
- ▶ Room 77 (room77.com)
 - * Built out infrastructure to allow partners to bid for search result placement in a second-price auction
 - * Stack: Angular 1, PHP, C++, AWS

ChalkSchools (chalkschools.com)

Software Engineer, Jan 2014 - Sept 2015, San Francisco, CA

- ▶ Joined the team when the company had 3 employees (2 engineers)
- ▶ Spearheaded a UX and database redesign that significantly opened up the product to larger sales opportunities (**contract sizes increased 10x**)
- ▶ Helped formalize a culture of agile development with strong code coverage
- ▶ Contributed to entirety of product development, from code architecting to frontend UI/UX
- ▶ Stack: Ruby, Rails, ES6, React, Postgres, Heroku

Room 77 (room77.com)

Software Engineer, July 2012 - Jan 2014, San Francisco, CA

- ▶ Joined the team when the company had 15 employees (6 engineers)
- ▶ Designed and implemented a native-like HTML5 and Angular.js single-page mobile app framework, used in both mobile website and hybrid app
- ▶ Occasional forays into backend and production infrastructure projects
- ▶ Company was acquired by [Google](http://google.com)
- ▶ Stack: Angular 1, PHP, C++, AWS

ACTIVE SIDE PROJECTS

BoostMySchool (boostmyschool.com)

Co-founder, Feb 2016 - Current

- ▶ Initially built website to help my high school fundraise online
- ▶ Cold called schools for user research and sales and close yearly sales contracts
- ▶ Donations processed have increased by 3x over the previous year
- ▶ Stack: ES6, Node/Express, React, GraphQL, Ruby, Rails, Postgres, Heroku

BookBooster (bayarea.bookbooster.org)

Co-founder, May 2016 - Current

- ▶ Built website and payment system
- ▶ Reached out to local press, which led to [an article by Mission Local](#) and [an interview with KCBS](#)
- ▶ As of October 2017, BookBooster has raised over \$42k to buy books for low-income Bay Area schools
- ▶ Stack: Typescript, Node/Express, React

Thum.io (thum.io)

Co-founder, Oct 2016 - Current

- ▶ Built landing pages, user dashboard, and payment system
- ▶ Minimized maintenance efforts by automating payments and support emails
- ▶ Stack: Node/Express, React, Postgres, Heroku

VOLUNTEER EXPERIENCE

Bridge to Enter Advanced Mathematics (beammath.org)

Office Hours Volunteer, Oct 2017 - Current, New York, NY

- ▶ Work with underserved middle and high school students interested in mathematics

Mission Graduates (missiongraduates.org)

Math Tutor, Mar 2014 - May 2016, San Francisco, CA

- ▶ One-on-one tutoring with low-income high school students in the Mission District

EDUCATION

University of Maryland (College Park, MD)

B.S. in Computer Engineering and Mathematics, May 2012

Competed in the 2011 ACM-ICPC World Finals

OTHER

Hobbies: singing and playing guitar, salsa and bachata dancing, beach volleyball

Languages: English (native), Mandarin (native speaking), Spanish (intermediate)

Last updated October 2017