

LIDAN HUANG

Software Engineer

San Francisco Bay Area | 412-736-9899 | huangld0314@gmail.com
lidanhuang.com | github.com/lidan-huang | linkedin.com/in/lidanhuang

WORK EXPERIENCE

Numbers Api V2

Mar 2022 – Apr 2022

Rithm School | San Francisco, CA

- Designed and implemented Database schema for Facts used in Numbers API, to migrate Facts data from text-file-based to PostgreSQL, using SQLAlchemy.
- Implemented end to end Route to query Facts data from Database and render in frontend widget using Flask.
- Implemented WebPack configuration for frontend widget using React.
- Added feature to allow users submitting new Facts. Implemented full stack from UI, route, model and Database schema. Added test coverage for the feature.
- Implemented HackNews style popularity algorithm for Facts in system, enabling the system to query N most popular Facts efficiently.

Stay-at-Home Parent

Aug 2012 – Dec 2021

- Parenting 2 kids, helping school and community by volunteering, keep learning.

Gynecologist-in-Charge

Jul 2010 – Jun 2012

Women's Hospital, Zhejiang University | Hangzhou, China

- Worked as chief surgeon in surgeries including vaginal birth delivery, cesarean section, ovarian cystectomy, and salpingectomy with laparoscopy without single failure cases. Assisted in major, complex surgeries like extensive hysterectomy with pelvic lymph node dissection, myomectomy.
- Served in outpatient clinics to diagnose patients, relieve their concerns and provide proper treatment.

Gynecologist Resident

Jun 2009 – Jun 2010

Renji Hospital | Shanghai, China

- Medical practice in the busiest women's hospital in Shanghai. Participated and assisted in operations including emergency care.
 - Learned and used basic data analysis and programming knowledge to publish a paper on the topic of VBAC..
-

EDUCATION

Rithm School

Jan 2022 – Apr 2022

Full Stack Web Development Bootcamp

San Francisco, CA

Shanghai Jiao Tong University School of Medicine

Sep 2006 – Jun 2010

M.D. Clinical Medicine | 4.0 GPA

Shanghai, China

East China Normal University

Sep 2002 – Jun 2006

B.A. Environmental Science | 4.0 GPA

Shanghai, China

TECHNICAL SKILLS

Languages - Javascript | Python | SQL | HTML | CSS

Libraries / Frameworks / Tools - React | React Testing Library | Node.js | Express | Jest | jQuery | Bootstrap | Flask | Jinja | SQLAlchemy | unittest | PostgreSQL | Git | Github

PERSONAL PROJECTS

Jobly - Full stack mock job board site - React | Express | PostgreSQL - [Live Demo](#) | [Github](#)

Warbler - Full stack micro blog site - Flask | Jinja | WTFForms | PostgreSQL | Heroku - [Live Demo](#) | [Github](#)