

# Ivan Zhang

## Full Stack Developer

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@1vnzh



### Experience

#### Lead Software Developer

Ranomics (Nov 2015 — Present)

- Wrote and designed the entirety of the software stack to allow clients around the world to access our genomics datasets to give quicker and better cancer diagnostics.
  - High-profile users: BGI (3rd of Top Institutions in Nature and Science), Veritas (U.S.)
- Enabled revenue-sharing partnerships by building an OAuth2 RESTful API
  - Integration on the 3rd-party platforms gained exposure to 400+ European hospitals
- Architected infrastructure, and designed repeatable and reliable deployment processes on AWS

#### Software Developer Intern

Hubnest (Apr 2015 — Sept 2015)

- Worked on and completed multiple projects from initial scope to shipping the project.
  - Worked with designers and PMs on the team to deliver pixel-perfect and impactful solutions
  - Built solutions for a variety of industries, ranging from insurance companies to private schools

### Skills

Front-end  
Back-end  
RESTful API's  
Web Scraping  
Snapshot Testing  
Unit Testing  
Integration Testing

### Tools

Go  
React.js  
PostgreSQL  
Webpack  
jQuery  
Sass

### Open Source & Side Projects

#### ColourNTP (contributor)

github.com/arkon/ColourNTP

- Built feature to automatically adjust text color for readability
- Built module for storing blacklisted quick links using chrome API's to read frequent links and then implementing blacklist (no API for this)

#### WiFi Doorbell

github.com/1vn/wifi-doorbell

- Wanted to know when friends came near my home
- Wrote Rust program to play sound when devices connect to local network (scanning ARP packets).

#### crcmaker (contributor)

github.com/arkon/crcmaker

- Wrote feature for PDF generation on client side
- Wrote feature for sharing work space states via URLs.