

# Yu Yang

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Authorized to work in US, no visa sponsorship needed

## SKILLS

### FRONT-END

JavaScript • CSS3 • HTML5  
SASS • Canvas • Bootstrap  
jQuery • D3 • AngularJS • Angular  
React • Redux

### BACK-END

NodeJS • Express • MongoDB  
Mongoose • Websocket • Passport  
RabbitMQ • Redis • Elasticsearch  
Ruby on Rails • Sinatra • Python  
Flask • Docker • Microservice

### TOOL

Git • Grunt • Gulp  
Webpack • NPM

### DEPLOYMENT

Heroku • AWS • DigitalOcean

## EDUCATION

### MONGODB UNIVERSITY

Intro to MongoDB for Node.js Oct  
2016 | New York, US

### GENERAL ASSEMBLY

Code Bootcamp Nov 2015 - Mar  
2016 | New York, US

### BNAI ZION FOUNDATION





A+ Certified Computer Training  
Feb 2012 - Apr 2012 | New York, US

### CHINA UNIV OF GEOSCIENCES

MEng in Oil and Gas Field  
Development Grad. Jul 2008 |  
Beijing, China

BEng in Resources Exploration BS  
in Computer Science Grad. Jul 2005  
| Beijing, China

## LINKS






 Website: [www.ulyssesyang.com](http://www.ulyssesyang.com)  
 Email: [ulyssesyangyu@gmail.com](mailto:ulyssesyangyu@gmail.com)  
 Github:// [ulyssesyang](https://github.com/ulyssesyang)  
 LinkedIn:// [ulyssesyangyu](https://www.linkedin.com/in/ulyssesyangyu)

## EXPERIENCE

### MINDSTAQ | Full Stack Software Engineer

May 2016 – Present

3 years hands-on experience in building large-scale distributed application, implement and optimize services from Front-end to Back-end, enjoy solving tough problems in the work



- Led the development of searching service 
- Created and maintained recommendation service 
- Build up Real-time messaging service and utilize the service to multiple services like chatting, real-time notification, etc 
- Optimized user profile related service and improved performance
- Built up rich UI features of components like calendars and tasks and projects by integrating third party libs like FullCalendar, DHTMLX, etc 
- Application website: [www.mindstaq.com](http://www.mindstaq.com) 

Technologies: AngularJS • jQuery • Nodejs • Express • MongoDB • Mongoose • Redis • Elasticsearch • Websocket • RabbitMQ • Microservice

### SCHLUMBERGER | Geological & Data Engineer

Jul 2008 – Apr 2015


7-year technical experience on data processing, analysis and modeling at world's largest oilfield services company

- Provided data consulting services for oil companies, conducted data processing, statistical analysis, visualization, modeling of oil reservoirs
- Test and implement new well logging tools and software plugins 
- Led the new application study and implementation and published and shared through global conferences and seminars 

## PROJECT


### GRAPH LIFE | Online interactive graph system

In progress

- A online interactive graph system enabling users to write and execute codes to generate and share graph, and coop with team in real-time.
- Key features: Microservice architecture, code execution in docker container, real-time collaborative editing, etc
- Technologies: NodeJS • MongoDB • Mongoose • Express • Angular • Websocket • Restful API • Docker • Redis • Flask • Matplotlib • Microservice
- Github link: [github.com/ulyssesyang/Graph-Life](https://github.com/ulyssesyang/Graph-Life) 

### OIL TRENDS | Single-page Web Application

March 2016

- A SPA provides data visualization tool to show oil market history and interactive features to show user interests.
- Key features: clean data dashboard, dynamical graphic tools, animation play of historical oil data
- Technologies: NodeJS • MongoDB • D3 • jQuery • Bootstrap
- Application link: [oil-trend.herokuapp.com](http://oil-trend.herokuapp.com) 

### DAY TRIPPER | Social Media Web Application

Feb 2016

- A social media application that enables users to make trip plans together with friends and potential participants.
- Key features: user based Map markers (Google map), email notification, trip generation and sharing.
- Technologies: Ruby on Rails • Javascript • PostgreSQL • Bootstrap
- Application link: [daytrippr.herokuapp.com](http://daytrippr.herokuapp.com) 