

# Yu Yang

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## SKILLS

### FRONT-END

JavaScript • CSS3 • HTML5  
SASS • Material Design • Bootstrap  
jQuery • D3 • React  
Vue • Angular • Redux

### BACK-END

Nodejs • Express • MongoDB  
Mongoose • Socket.io • Passport  
RabbitMQ • Redis • ElasticSearch  
Ruby on Rails • Sinatra • Python

### 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

### CITTA, LLC | SOFTWARE ENGINEER

May 2016 – Present | New York, NY

- Collaborate with other team members to build UI features, web components and services; implement and build api and micro-services to support front-end services.

### SCHLUMBERER USA | GEOLOGICAL ENGINEER/LOG ANALYST

Jun 2012 – Apr 2015 | Pittsburgh, USA

- Gathering, quality-checking, processing, statistical analysis, data visualization, modeling and characterization for US unconventional reservoirs; tested and promoted to clients new tools and software applications.

### SCHLUMBERER CHINA | GEOLOGICAL ENGINEER/LOG ANALYST

Jul 2008 – Dec 2011 | Beijing, China

- Participate in geology-related projects, including gathering, processing and analyzing datasets from oilfields in China and provide local support to internal or external users of relevant tools and software.

## PROJECT

### MINDSTAQ | A FULL-SUITE WEB PLATFORM

May 2016 – Present

- Responsible for building Calendar, Task, Search component and related services for the Front-end application by using HTML/CSS/JS/jQuery/Angular.
- Participate in design, implement and build api and micro-service of search to support front-end service by using NodeJS/MongoDB/RabbitMQ/ExpressJS/Elastic-search.
- Application website: [www.mindstaq.com](http://www.mindstaq.com)

### OIL TRENDS | SINGLE-PAGE WEB APPLICATION

March 2016

- Independently designed and developed a full web application that enables users to visualize and analyse global oil market trends.
- Key features: dynamical heat maps, bubble maps, line graphics and animation of historical oil data from public sources.
- Technology/skills: HTML, CSS, JS, jQuery, AJAX, BootStrap, NodeJS, MongoDB, D3
- Application website: [oil-trends.ulyssesyang.com](http://oil-trends.ulyssesyang.com)

### DAY TRIPPER | SOCIAL MEDIA WEB APPLICATION

Feb 2016

- Led a team effort in developing a social media application that enables users to make trip plans together with friends and potential participants.
- Key features: user authentication, Google Map markers, emailing, commenting and posting, and generating trip routes.
- Technology/skills: Ruby, Rails, JavaScript, PostgreSQL, BootStrap
- Application website: [daytrippr.herokuapp.com](http://daytrippr.herokuapp.com)

### MATCHING PUPPIES | SINGLE WEB ONLINE GAME

Dec 2015

- Key features: card flip animation, randomized images, background sounds and multiple levels by using HTML, CSS, JavaScript, jQuery.
- Application website: [memory-card.bitballoon.com](http://memory-card.bitballoon.com)