Yushi Zhang

yushizhang.work@gmail.com | 0451575825 | Brisbane

Skills

IT:

Front-end: React.js, Redux, Redux-Saga, Vue.js, Angular, Html5, Pug(Jade), CSS3, Scss, Sass, Less, JavaScript, jQuery, TypeScript, C#, Webpack, ES6

Back-end:
- Node.js, mongoosejs, MongoDB, RESTful API, expressjs, SQL, PHP, Laravel, MySQL, Koa, Entity Framework
- Mongo Compass, Postman, Swagger UI

Framework: KeystoneJS

Machine learning:
- text mining, simple NLP methods (trigger terms)
- Spyder, Jupyter notebook, Matlab, Weka, TensorFlow

Language: JAVA, Python 2, Python 3, R

UI/UX Design:
- Bootstrap, Materialize, ElementUI, semantic-ui, Ant.design
- Figma, Sketch, Zeplin, Photoshop, Adobe Illustration

SEO: Moz, Google Insight, Pingdom

Cloud platform: heroku, AWS S3, EC2, MongoDB Atlas

Project Management:
- Agile, Scrum, Git
- Github, Jira, Bitbucket

Other: Google Map API, Leaflet, microservice

Biomedicine (Neuroscience):

Cognitive Science:
- Did questionnaires
- MMSE and MOCA testing;
- Cognitive test: Attention Network Task, Elevator counting task, Number Stroop, Raven's Advanced Progressive Matrices

Biochemistry:
- Protein purification
- Germiculture (*E.coli*)
- Plasmid Extraction

Software:
- Graphpad Prism
- E-prime: E-merge
- SPSS

Education

2017.2-2018.12
University of Queensland (Australia)　Master of Information Technology

2015.9-2016.9
University of Edinburgh (UK)　MSc by Research in Integrative Neuroscience

2013.9-2015.7
University of Birmingham (UK) BSc of Human Biology(Honour)

2011.9-2015.7
Huazhong Agricultural Unicersity (China) BSc of Biotechnology

Work Experience

JR Academy
Full Stack developer
2018.4-present

Projects:

1. The official site: Full Stack
   https://jiangren.com.au

   Skills: React.js, Redux, Node.js, Pug(Jade), JavaScript, mongoosejs, Scss, KeystoneJs, Bootstrap, jQuery, RESTful API

   Project Management: Jira, bitbucket

   - Build pages to show the information of data
   - Responsive design: mobile friendly design, use flexbox
   - Add API for Workshop
   - Add New model and API for Workshop Orders
   - Manage the application form
   - Fix bugs and update information for the official website
   - SEO management by use Moz

2. The dashboard: Full Stack
   https://learn.jiangren.com.au

   Skills: React.js, Redux-Saga, Node.js, JavaScript, ES6, mongoosejs, Less, KeystoneJs, Bootstrap, pro.ant.design, RESTful API, dva, React Router, Ant design

   Project Management: Jira, bitbucket

   - Manage the Navigation bar content
   - Build the Mentor List page, add search function and pagination for mentors
   - Build the Mentor detail page
   - Build the Service detail page
   - Add API for services
   - Responsive Design

3. JR Talent: Responsive Design
   http://jrtalent.com.au/

   Skill: Bootstrap, Koa, webpack, nodejs, docker, responsive design

4. eFlight: Responsive Design
   http://eflight.co/

   Skills: Vue.js, ElementUI, responsive web design

Production5 etranslate
Web Designer
2017.11-2018.4

Project:
Razzledazzle:
https://www.razzledazzle.company/

Tools: Wix

WIS-AN Technology Development Co., Ltd
Manager Assistant
2016.9-2017.2

Tools: Adobe Illustration, Photoshop, InDesign, Adobe pr cc, Adobe Effect, CorelDRAW

- The company mainly focus on the medical apparatus with RFID technology.
- Modify working paper
- Communicate with technicians and introduce the products to customers
- Visit Hospitals to Investigate the medical environment.
- Public design for the company, e.g. brochures.

Projects：

Github: https://github.com/yushizhang111
Personal Website: https://yushi-zhang-it-work.herokuapp.com/

Machine Learning:

Checking pathology results in an emergency department: An IT solution to support patient safety and increase efficiency (Thesis)
_2018.2-2018.11_

Researcher
Australian e-Health Research Centre, CSIRO

Skills: Text Mining
Language: Python
Tools: Spyder, Jupyter Notebook

- Improve the health records information system
- Develop the information technology tool to help identify the requirement of result test follow-up.
- Used text mining based on "trigger" algorithm to extract the antibiotic-related words from discharge summaries
- Did reconciliation with the pathology report.

Note: The paper "A decision support system for pathology test result reviews in an emergency department to support patient safety and increase efficiency" was accepted as Full Paper & Student Paper of MedInfo 2019. (co-author)

Web Development:

Queensland Government Climate Change
2018.7-2018.11

Scrum Master | Front-end developer
https://paddle-qld-climate.herokuapp.com/

Skills: Html, CSS, Javascript, Google Map API, Leaflet, D3.js, pdfmake

- Could Enter the location information to search the region
- Could Click on the map directly to search the region
- Download the pdf of climate information charts in that region

Aboriginal Words Learning System
2018.7-2018.11

Scrum Master | Programmer
https://dream-time.herokuapp.com/

Skills: Html, CSS, Javascript, Speech-to-Text API, swiper.js

- Link the sql-aboriginal-languages-words-lists API and speech-to text API
- Could Click the SVG file to show the related words explanation and audio example
- Add quiz and sliders

Cognitive Science:

Performance of Bilingual in Cognition Task
2016.1-2016.8

- Manage the time session for interview
- Did questionnaires with both young and elder people to record their language environment.
- Investigate whether different groups of bilinguals have the same advantages and disadvantages compared to monolinguals.
- Test: Attention Network Task, Elevator counting task, Number Stroop, Raven's Advanced Progressive Matrices
- Analyze data by SPSS