YIPING NIU

MacGregor, Brisbane 4109

(+61) 0449 920 726

yp.niu.dev@gmail.com

Portfolio: https://nndou.netlify.com/

LinkedIn: https://www.linkedin.com/in/yiping-niu/

GitHub: https://github.com/Nndouu

PROFESSIONAL SKILLS

Tech Skills

- **Front-End Development:** React.js, Redux, Redux-Saga, CSS3, Sass, Less, HTML5, Pug(Jade), JavaScript, AJAX, React Context API, React Hooks, Ant.design, Bootstrap, Materialize, Semantic UI, Responsive design, Webpack, ES6
- **Back-End Development**: Node.js, ExpressJS, Mongoose, RESTful API, KeystoneJS, PHP, CodeIgniter
- **Database**: MySQL, MongoDB
- **Coding Languages**: CSS3, HTML5, JavaScript, Python, SQL, PHP, MATLAB
- **Machine learning**: PyTorch, TensorFlow, Pythonic libraries (NumPy, Panda, Scikit-learn etc), OpenCV, Weka
- **Tool**: VSCode, Visual Studio, Eclipse, Jupyter Notebook
- **Cloud**: AWS S3, EC2, Heroku, MongoDB Atlas

UI/UX Skills

- **Design Process**: Conceptual Design, Interaction Design
- **Prototyping software**: Photoshop, Adobe Illustration, Zeplin, Sketch, Mockplus, Balsamiq Mockups
- **Testing**: TAM, SUS, Time on Task, A/B testing, Cognitive walkthrough, Heuristic evaluation

Teamwork Skills

- **Tool**: Git, GitHub, Bitbucket, Trello, Jira
- **Methodology**: Agile, Scrum

WORK EXPERENCE

JR Academy

Full Stack developer   2018.06 - Present

- Building series of responsive commercial websites for JR Academy
- Developing reusable web components to consume the API using React/HTML5/CSS3.
- Developing responsive design using flexbox and media queries.
- Testing front-end code in multiple browsers to ensure cross-browser compatibility.
- Add API for services using Node.js, MongoDB and KeystoneJs.
- Bug Fixing, Site maintenance and enhancements to improve overall site performance.
- Capable of quickly learning and delivering solutions as an individual and as part of an agile team.

Projects:

JR Academy official site

- The official website of JR Academy
- Project Management: Jira, bitbucket
- Front-end development: CSS3, Sass, Pug(Jade), JavaScript ES6, React.js, Redux, Bootstrap, jQuery, Responsive design
- Back-end development: Node.js, MongoDB, KeystoneJs, Mongoose, RESTful API
- Preview URL: https://jiangren.com.au/

JR Academy dashboard
- The dashboard for students and teachers of JR Academy
- Project Management: Jira, bitbucket
- Front-end development: CSS3, Less, HTML5, JavaScript ES6, React.js, Redux, Redux-Saga, React hooks, React Router, Bootstrap, Ant Design Pro, dva, Responsive design
- Back-end development: Node.js, MongoDB, Mongoose, KeystoneJs, RESTful API
- Preview URL: https://learn.jiangren.com.au/

OTHER PROJECTS

Contacter
- A web application that user can register, login, which they could use this app to keep and manage their contact details with others
- Used CSS3, Sass, HTML5, JavaScript, React.js, React hooks, Bootstrap, Responsive design for front-end development
- Used Context API for state management, and used react-transition-group and Animate.css for animations
- Used Node.js, MongoDB, Express, Mongoose, RESTful API for back-end development. Used JWT for authentication
- Preview URL: https://contact-book-nndou.herokuapp.com/
- Git Repository: https://github.com/Nndouu/contact-book

G-finder
- A web application that could search Github users and repositories
- Used CSS3, Sass, HTML5, JavaScript, React.js, React hooks, Bootstrap, Responsive design for front-end development
- Used Context API for state management, Animate.css for animations
- Getting raw data from GitHub Developer API
- Preview URL: https://gfinder.netlify.com
- Git Repository: https://github.com/Nndouu/g-finder

Portfolio
- My portfolio website
- Used CSS3, Sass, HTML5, JavaScript, React.js, React hooks, Bootstrap, Responsive design for front-end development
- Used Node.js, MongoDB, Express, Mongoose, RESTful API for back-end development.
- Preview URL: https://nndou.netlify.com/
- Git Repository: https://github.com/Nndouu/portfolio-nndou

Weather-app
- An app that can view weather, humidity, wind direction and other information in various cities in Australia

- Used CSS3, Sass, HTML5, JavaScript, React.js, Bootstrap, Responsive design for front-end development
- Used Node.js, Express, Mongoose, RESTful API for back-end development, getting raw data from OpenWeather API
- Deployed backend on Heroku and frontend on Github.

HCDR

- The data set from Kaggle Competition: Home Credit Default Risk.
- Generating suitable models based on training set to predict clients' repayment abilities. This is a two-class problem and the results of the prediction is whether the clients can repay the loans.
- Project process: Exploratory Data Analysis,Feature engineering, Data modeling and Model Tuning
- Algorithm: Logistic Regression, KNN, SVM, Random Forest Classifier, Xgboost, LightBGM
- The tools for data analysis: Matlab, panda, sklearn, numpy
- Best result:0.78594(The top places on Kaggle is 0.80570)

QUALIFICATIONS

- Good learning ability, can quickly learn new skills.
- Strong organizational skills.
- Good at using search engines to search reference materials. Have the ability to use search engines to find all kinds of information needed and sort them out.
- Ability to independently identify and solve problems.
- Capable of completing tasks on time.

EDUCATION

| 2017 - 2019 | **The University of Queensland** | Brisbane |
| | Master of Information Technology | |

| 2011 - 2016 | **China University of Petroleum, Beijing** | Beijing |
| | Bachelor of Geological Engineering | |

REFEREES

Mr Yanbo Wang   CEO of JR Academy
Employer
Email: lightmanwang@gmail.com
Phone: +61 451010217