



# David Fang(方国强)

## Senior Software Engineer

### WORK EXPERIENCE

Oct '20-Sep '22  
(Contract)

#### J interLAB

Senior Javascript Engineer

- \* Developed 3D car simulation PWAs with WebGL, PlayCanvas, ReactJS and Svelte.
- \* Create measurement tool to manage performance of web apps with Performance APIs.
- \* Create Tag manager for web apps with Google Tag Manager or Adobe Analytics.
- \* Developed desktop and mobile applications for websites with ElectronJS and React Native.

Oct '19-Oct '20  
(Contract)

#### Traderseed LLC

Senior Python Engineer

- \* Developed admin console and metric page to manage and check MT4 accounts using Django, ReactJS, and Ant Design.
- \* Developed background tasks to check the latest status of the MT4 accounts and their objectives using Celery and Redis in real-time.
- \* Developed MT4 Rest API Server for MT4 using C# for Company products.
- \* Developed a desktop/mobile application for the company's internal use with ElectronJS, ReactJS, React Native, and browser automation.

Jan '18-Jul '19  
(Contract)

#### Guidestone

Software Engineer

- \* Developed the company website with Django/DRF.
- \* Suggested new trading strategies and designed them.
- \* Developed a low-risk cryptocurrency portfolio management app with C#, ReactJS, React Native, ElectronJS, and Celery.
- \* Developed a part module of the inner company system related to financial analytics and currency exposure management.
- \* Developed a mobile monitor to make employees check trading products and manage them with React Native, Java, and Objective C.

Apr '15-Oct '17  
(Contract)

#### WebCE

Software Engineer

- \* Developed the new version of the company website with Laravel and ReactJS.
- \* Developed and Upgraded the server-side of course streaming service with socket and FFmpeg.
- \* Developed and Upgraded the client-side of course streaming service with Javascript, WebRTC, and HTML5. Maintained and improved a number of company projects.

Apr '13-Dec '15  
(Full-time)

#### HBK Investments

Junior Software Engineer

- \* Took part in creating new strategies and services projects
- \* Took part in financial API development
- \* Upgraded company website with Laravel and JQuery
- \* Introduced calculation optimization

✉ Davidfang1981d@gmail.com

☎ +8613050317053

📍 Lingshan, Guangxi Zhuang, China

🌐 /in/david-fang-bb0a63228/

### ABOUT ME

Experienced software engineer with a Master's degree in Information Technology and 9+ years of experience and a proven history of software engineering in different companies and industries including finance and education.

### SKILLS

JS/TS/React/Vue	★	★	★	★	★
Python/Django	★	★	★	★	★
HTML/CSS/SCSS	★	★	★	★	★
WebGL/Canvas	★	★	★	★	★
C/C++/C#	★	★	★	★	★
PHP/Laravel	★	★	★	★	★
AWS/Azure/GCP	★	★	★	★	★
Algorithm	★	★	★	★	★
DB/SQL/NoSQL	★	★	★	★	★

### LANGUAGES

- ✓ English
- ✓ Japanese
- ✓ Korean
- ✓ Chinese

### EDUCATION

2004 - 2011 **Master of Information Technology**  
Guangdong, China Sun Yat-sen University

### Internship

2012-2013 **Software Engineer Intern**  
Dallas, TX, US HBK Investments