

Jiahong Weng

EDUCATION

University of California, Santa Barbara (UCSB)

Master of Computer Engineering, GPA: 3.75

2011 – 2013

University of Nanjing Posts and Telecommunications (NUPT)

Bachelor of Computer Science (91/100)

2007 – 2011

SKILLS

Programming Languages: Java, NodeJS, Python, TypeScript, JavaScript, HTML, CSS

Applications & tools: Angular 8, NodeJS, MongoDB, RabbitMQ, Kafka, OracleDB, MySQL

WORKING EXPERIENCES

CGG

Houston

Senior Software Engineer (Full Stack)

2018 – Present

- Developed GeoSoftware Data Management tools PDMT to manage well data serving as bridge to other software using Angular and Java in server end.
- Played a primary role in the team independently developed several new modules and features including visualize the data using INT and Syncfusion package
- Worked in an Agile approaches develop requirements and solutions through the collaborative effort of self-organizing and cross-functional teams and blueprint teams

Mistbox

Houston

Senior Software Engineer (Full Stack)

2017 – 2018

- Led a team to develop Admin Management system managing customers, devices and subscriptions and customer portal using Angular, NodeJS and JAVA.
- Developed customer portal to enable customer to monitor device data in real time.
- Developed a complete subscription-based charging system using Stripe API, providing customer full options to manage their payment method and update subscription;
- Evaluated and transferred stakeholder and user's requests into clear development tasks. Collaborated with business analysts to ensure every business requirement will be correctly handled and reflected in systems.

N.F. Smith & Associate

Houston

Software Engineer (Full Stack)

2014 – 2017

- Led a new project using Angular2, NodeJS and Socket.io to display a real-time updated shipping list for operations and accounting teams. Decided the technology stack and architect of code base. Provided solutions for real-time update & synchronization and notification system and integration with existing data.
 - Led and drove the update from outdated old trading system to new system implemented by AngularJS as frontend and Java and OracleDB as backend. Implemented the base code and structure for new trading system.
 - Co-leader of PPV (Price Purchase Variance) tracking systems which will track user's progress and let both sides collaborate when they have a requirement and supply match on the system. Designed development and testing process which is followed by all team members. Use NodeJS + MongoDB and Java + OracleDB as backend.
 - Improved deployment process. Wrote build scripts to automatically test and deploy code to environments.
 - Led frontend design and development of DynaMatch, a new internal web platform for opportunity matching and searching. Introduced AngularJS to the team as a new front-end framework for future projects. Co-implemented backend RESTFUL API by Java including designed and implemented cache for report data storing and auto update.
-