

Contact

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Top Skills

Algorithms
Data Structures
Android Development

Languages

Chinese (Native or Bilingual)
English (Professional Working)

Joe Wang

6+ years in software development. 3+ years in Node.js full-stack; 3+ years of experience in Android, 3+ years in Java
Santa Clara, California

Summary

- More than 6 years of software development experience, including 3+ years Android development, 3+ years full-stack development with Node.js, system design
- Rich experience to implement high-tech (such as AI, NLP, Recommendation, IoT) into real products which have served about tens of millions of users.

Languages:

Node.js, Android, Kotlin, Java, Python, JavaScript, C++/C, HTML/CSS, jsf

Frameworks & Tools:

Android, React Native, RxJava, expresso
Express.js, koa.js, RESTful API, Flask,
Spring, Hibernate, Mysql, NoSQL, MongoDB, DynamoDB
AWS, Git, Gradle, Maven, Jenkins, Travis CI, Tomcat, Nginx, Linux
Machine Learning: tensorflow, CNN, LSTM, RNN

- Bilingual Chinese/English

Experience

Google

Application Engineer via eTouch
April 2019 - Present
Sunnyvale

- Used Java/go/Typescript, gRPC, spanner, MapReduce, GAE to develop AppMaker on Google Cloud.
- Used Java, Boq, spanner, App Framework to develop address system for Google Fiber.

TouchPal

Software Engineer Intern
January 2019 - April 2019 (4 months)

Mountain View

- Used Java, MySQL, Redis, MongoDB, Kafka to design and implement RESTful API for user profile service, deploy and optimize many other online services on cloud;
- Used Python, machine learning, Spark, Hadoop and HDFS to develop the recommendation system;

Product - Veeu: <https://itunes.apple.com/us/app/veeu-funny-videos/id1403848965>

Alibaba Group

Senior Software Engineer

October 2016 - September 2018 (2 years)

Shanghai City, China

Automotive Speech System on AliOS

2017.05 - 2018.08

- Used Node.js to develop car control, weather, traffic message channel and many other dialogs interactive process.
- Used Node.js to develop a dialog manager system.
- Used Node.js & jsfg to do some NLP jobs.
- Limited experience in NLP machine learning model training jobs.

Operations Recommendation system

2016.10 - 2017.08

- Used Node.js to develop an Operations Recommendation system, which has access smart parking(ETCP), smart gas station(Shell gas station.), the Restaurant booking service etc., running on ROEWE Rx5, MG etc.
- Used Node.js & html5 to develop an Usage-Based Insurance application.

Samsung R&D Institute China - GuangZhou

Software Engineer

July 2013 - September 2016 (3 years 3 months)

Guangzhou, Guangdong, China

S Assistant

2015.10 - 2016.09

<http://android.app.qq.com/myapp/detail.htm?>

apkName=com.samsung.android.app.sreminder

- Used android to develop reminder UI for reservation related modules (train, flight, movie etc.).
- Used java, python and RegEx to develop Information extraction from E-mail and SMS.

- Used Quickbuild and Gradle to setup and maintain a CI server for application automatic test.
- Manage S Assistant build and release for ongoing mobile project and application Store.
- Import some 3rd party services to enrich SAssistant (Amap SDK, touchpal SDK, meituan API etc).

Samsung Music Player
2015.10

2013.07 -

<https://play.google.com/store/apps/details?id=com.sec.android.app.music>

- Maintain and implement UX change Samsung Music Player in Samsung android device from Galaxy S3(OS update project), Galaxy Note, Galaxy A series , Galaxy W series and many other low-end mobile projects and some tablets(P90x, T52x, T32x etc.) from Android ICS to Android N. from WVGA(800*480) to 2560*1920.
- Used Systrace and TraceView to handle performance issues and some current issues by optimizing RAM usage and GUI refresh process.

Media Player internal project
2015.09

2015.03 -

- Used NDK to develop a decode module for APE audio format.
- Used GitBilt setup a git repository hosting server in department LAN.
- Developed some backend modules including user login and spider module crawling test songs.

Bluetooth Hearing Aid demo
2014.09

2014.06 -

- Used Android to develop an application adjusting sound quality and effects for a Bluetooth Hearing Aid device.

Education

International Technological University (ITU)

Master's degree, Computer Engineering · (2018 - 2019)

University of Electronic Science and Technology

Bachelor's degree, Computer and Information Systems Security/Information Assurance · (2009 - 2013)