

Chienyu Chen

Software Engineer | Android Development
Eligible to work in the US with a TN visa as a Canadian. NYC relocation only.

EXPERIENCE

Software Engineer, Platform & Infrastructure | Electronic Arts

Feb. 2020 - June 2021 | Vancouver, BC, Canada

- Support NHL22 and UFC game engine migration from Ignite engine to Frostbite engine.
- Collect builds and smokes reliability metrics using Python.
- Inject parsed metric data to Elastic Search for visualization on Kibana.
- Investigate build and smoke issues promptly to maintain a 90%+ success rate.
- Improve end-to-end CI execution time of automated builds/smokes by 2 hours implemented in Groovy.
- Work with internal customers to build desired automation, achieving a 88% customer satisfaction rate.

Software Engineer, Full Stack Web | HERE Technologies

May 2018 - Dec. 2018 | Vancouver, BC, Canada

- Implement a full-stack web app using MySQL, Express, React, Node.js, MobX, and Ant Design.
- Implement and design unit tests, integration tests, UI tests using Jest and Enzyme.
- Implement unit tests and mock tests for the SDK ingestion library utilizing Google test in C++.
- Integrate SonarQube static analysis tool into the SDK build pipeline utilizing Docker container and Jenkins.

Software Engineer, Android Development | realtor.com

Sept. 2017 - Dec. 2017 | Vancouver, BC, Canada

- Feature implementations and enhancement with bug fixes on realtor.com Android App that has 10 million+ installs from the Google Play Store.
- Implement Mortgage Calculator feature in Java that achieved 8 million hits 4 months after release.
- Implement Firebase event tracking and several other internal tracking platforms in Java.
- Clear out the backlog of SLA bugs: went from about 50 bugs older than 30 days to have 0 bugs.

Software Engineer, Android Automation | realtor.com

May 2017 - Aug. 2017 | Vancouver, BC, Canada

- Implement automated Espresso tests in Java for augmented reality features like Street Peek.
- Improvement of CI pipeline using Bash scripts along with Jenkins and Gerrit.
- Automate CI process in Bash for gating code reviews, including sharding of tests across multiple test devices for shorter patch validation times.

PROJECTS

realtor.com® Android App

: An Android app that provides the best decision-making resource to find homes

2019 | Software Engineer, Android Development & Automation

- Collaborate with product manager and UI designers to implement customer demanding features.
- Cooperate with software engineers to break features down into small implementation pieces.
- Fix reported bugs to comply with SLA agreement at all times.
- Achieve KPI targets individually and as a team.

CandTrack

: An internal web app for HR to track corporation interview processes

2018 | UI Designer, Full Stack Web Engineer

- Implement a full-stack web app utilizing MySQL, Express, React, Node.js, MobX, Jest, Enzyme, and Chai.
- Provide users with additional features like note-taking and interview scheduling capabilities.
- Utilize MySQL connection pool for heavy traffic and utilize Jest and Chai for overall testing.

[linkedin.com/in/jerrycychen](https://www.linkedin.com/in/jerrycychen)

github.com/jerrycychen

jerrychienyuchen@gmail.com

+1(778)302-1838

EDUCATION

B.Sc. in Computer Science

Simon Fraser University

Sept. 2013 - June 2019

Burnaby, BC, Canada

B.Eng. in Computer Science

Zhejiang University

Sept. 2014 - June 2016

Hangzhou, Zhejiang, China

SKILLS

Languages

Bash / Batch / Shell / Groovy / Java / Kotlin / Dart / Python / JavaScript / HTML / CSS

Libraries

JetPack / Moshi / Retrofit / Glide / Android KTX / RxJava / Dagger

Databases

MySQL / SQL Server / SQLite / MongoDB

Testing & Automation

Robolectric / Mockito / JUnit / Espresso / Jenkins Pipeline

Operations & Infrastructure

Docker / Kubernetes / Chef / Gradle / Zabbix / vSphere

Miscellaneous

Git / Gerrit / GitHub / GitLab / JIRA / Slack Automation / AWS

SPECIALIZATIONS

Android / Web / Automation

OTHER INTERESTS

iOS / Flutter / Data Visualization / AWS / GCP / Azure