Tianyao (Till) Chen

(657) 247-8478 | tillchen417@gmail.com | tillchen.com | linkedin.com/in/tillchen | github.com/tillchen

EDUCATION

University of California, Irvine Irvine, CA
Master of Software Engineering *09/2022 – 12/2023*

Jacobs University Bremen Bremen, Germany
Bachelor of Science in Computer Science *08/2018 – 06/2021*

EXPERIENCE

Amazon
Software Engineer Intern *06/2023 – 09/2023*

- Design and build the details page for game genres and developers as part of the Amazon Luna StoreFront team.
- Utilized: Java, JavaScript, Spring, React.js

Autodesk
Software Engineer *12/2021 – 08/2022*
- Developed core app logic, consumed backend REST APIs, built UIs, and implemented Mixpanel analytics events for the AutoCAD Android app, enhancing the experience of 10+ million users with a unified subscription type.
- Migrated the AutoCAD app to Android 12 by updating dependencies and addressing deprecations.
- Established UI test pipelines in Python with Zephyr REST APIs, syncing Firebase Test Lab results with Jira.
- Utilized: Kotlin, Python, Android SDK, Coroutines, LiveData, Dagger, Retrofit, KMM, Espresso, JUnit.

TeamViewer
Software Engineer Intern *10/2020 – 05/2021*
- Created a shared library to add onboarding screens and asynchronously render the offline EULA files, impacting 60+ million users across TeamViewer for Remote Control, QuickSupport, and Pilot Android apps.
- Implemented UIs, notifications, the QR code scanner, and integrated backend APIs for the Android 2FA feature.
- Built TeamViewer and CyberArk REST API pipelines in Kotlin for automated UI tests.
- Utilized: Kotlin, Java, C++, Android SDK, Coroutines, LiveData, Volley, Android NDK, UI Automator, JUnit.

Twenty Billion Neurons (Acquired by Qualcomm)
Software Engineer Intern *06/2020 – 09/2020*
- Enhanced the core engine backend and proactively contributed to the iOS frontend for an ML-driven fitness app.
- Utilized: Python, Swift, Objective-C, iOS SDK, Pytest.

TD Tech
Software Engineer Intern *06/2019 – 08/2019*
- Implemented three key app logic features in two enterprise Android apps, improving functionality and UX.
- Utilized: Java, Python, Android SDK, SQLite, JUnit.

PROJECTS

Crypto Fear & Greed with Widgets | *Kotlin, Android SDK, Coroutines, LiveData, Retrofit, Moshi*
- Developed an Android crypto market sentiment app with 10k+ installs on Google Play with a 4.7-star rating.

MailBag | *TypeScript, JavaScript, React.js, Node.js, Webpack, AJAX (Axios), NeDB*
- Built a full-stack Webmail app capable of interacting with SMTP/IMAP mail systems. Available on GitHub.

JStore: Marketplace for Jacobs University Bremen | *Java, Swift, Android SDK, iOS SDK, Firebase*
- Created a marketplace mobile app for my university, amassing 1k+ users. GitHub repositories: Android & iOS.

TECHNICAL SKILLS

Languages: Kotlin, Python, Java, Swift, SQL, JavaScript, TypeScript C++, HTML/CSS, Dart
Frameworks & Tools: Android SDK, iOS SDK, Spring, React.js, Node.js, Git, Firebase, Flutter