

TIANYAO CHEN

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🎓 EDUCATION

University of California, Irvine, Irvine, United States 09/2022 – 12/2023

Master of Software Engineering

Jacobs University Bremen, Bremen, Germany 08/2018 – 06/2021

Bachelor of Science in Computer Science

👥 EXPERIENCE

Autodesk, Shanghai, China 12/2021 – 08/2022

Software Engineer

- Built various UIs, consumed backend REST APIs, and implemented Mixpanel analytics events to introduce a unified subscription type on the [AutoCAD](#) Android app, impacting more than 10 million users.
- Migrated Android UI tests to fragment-testing after the single-activity app architecture change.
- Developed test cycle pipelines with Zephyr REST APIs to sync Firebase Test Lab results with Jira.
- Utilized: Kotlin, Python, Android SDK, Coroutines, LiveData, Dagger, Retrofit, KMM, Espresso, JUnit.

TeamViewer, Göppingen, Germany 10/2020 – 05/2021

Software Engineer (Part-Time) | Software Engineer Intern (Until 01/2021)

- Developed the *EULA* feature library used by TeamViewer for [Remote Control](#), [QuickSupport](#), and [Pilot](#) Android apps, impacting more than 60 million users.
- Implemented multiple UIs for *2FA for connections* on the TeamViewer for [Remote Control](#) Android app.
- Built TeamViewer and CyberArk REST API pipelines for automated Android UI tests.
- Utilized: Kotlin, Java, C++, Android SDK, Coroutines, LiveData, Volley, UI Automator, JUnit.

Twenty Billion Neurons (Acquired by Qualcomm), Berlin, Germany 06/2020 – 09/2020

Software Engineer Intern

- Delivered six significant features to a deep learning powered iOS fitness app.
- Utilized: Python, Swift, Objective-C, iOS SDK, Pytest.

TD Tech, Beijing, China 06/2019 – 08/2019

Software Engineer Intern

- Delivered three significant features to two enterprise Android apps on top of the AOSP.
- Utilized: Java, Python, Android SDK, SQLite.

⚙️ PROJECTS

- **Crypto Fear & Greed with Widgets - Native Android App**
 - 10k+ installs on [Google Play](#) with a 4.7-star rating.
 - Utilized: Kotlin, Android SDK, MVVM, Coroutines, LiveData, Retrofit, Google Play Billing.
- **JStore: Marketplace for Jacobs University Bremen - Native Android & iOS Apps**
 - 1k+ users. Available on [Google Play](#) & [App Store](#). GitHub repos: [Android](#) & [iOS](#).
 - Utilized: Java, Swift, Android SDK, iOS SDK, Firebase (Auth, Cloud Firestore, Storage).

🛠️ SKILLS

- **Kotlin, Python, Java, Swift, Android SDK, iOS SDK, Git, Firebase, C++, Dart, SQL, JavaScript, Flutter.**