

# 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, Moshi, Google Play Billing.

**JStore: Marketplace for Jacobs University Bremen** - Native Android & iOS App

- 1k+ users. Available on [Google Play](#) & [App Store](#). GitHub repos: [Android](#) & [iOS](#).
- Utilized: Java, Swift, Android SDK, iOS SDK, Firebase (Authentication, Cloud Firestore, Storage).

## 💻 SKILLS

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