# 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 new UIs and consumed the new backend REST APIs to introduce a unified subscription type for mobile and web users on the AutoCAD Android app, impacting more than 10 million users.
- Migrated Android UI tests to fragment-testing and built Jira test cycle pipelines with Zephyr REST APIs.
- Utilized: Kotlin, Python, Android SDK, Coroutines, LiveData, Retrofit, KMM, Espresso, JUnit, Jenkins.

**TeamViewer**, Göppingen, Germany                           10/2020 – 05/2021
*Software Engineer (Part-Time) | Software Engineer Intern (Until 01/2021)*

- Implemented the instructions screen, QR code scanner, connection screen, and Google Analytics events for the *2FA for connections* feature on the TeamViewer for Remote Control Android app.
- Developed the *EULA* feature library used by TeamViewer for Remote Control, QuickSupport, and Pilot Android apps, impacting more than 60 million users.
- 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, Live Data, 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.