Tianyao (Till) Chen

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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 — Irvine, CA
Software Engineer Intern — *06/2023 – 09/2023*

- Amazon Luna (Amazon Devices)

Autodesk — Shanghai, China
Software Engineer — *12/2021 – 08/2022*

- 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 the AutoCAD app to Android 12 by updating numerous dependencies and removing deprecations.
- Developed UI test pipelines in Python 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
Software Engineer Intern — *10/2020 – 05/2021*

- Developed the *EULA* feature shared library that asynchronously renders the offline EULA file used by TeamViewer for Remote Control, QuickSupport, and Pilot Android apps, impacting more than 60 million users.
- Implemented UIs, notifications, the QR code scanner, and utilized 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, UI Automator, JUnit.

Twenty Billion Neurons (Acquired by Qualcomm) — Berlin, Germany
Software Engineer Intern — *06/2020 – 09/2020*

- Improved the core engine backend and proactively contributed to the iOS frontend for an ML-powered fitness app.
- Utilized: Python, Swift, Objective-C, iOS SDK, Pytest.

TD Tech — Beijing, China
Software Engineer Intern — *06/2019 – 08/2019*

- Implemented three key app logic features across two enterprise-level AOSP-based Android apps.
- Utilized: Java, Python, Android SDK, SQLite.

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.

JStore: Marketplace for Jacobs University Bremen | *Java, Swift, Android SDK, iOS SDK, Firebase*

- Created a marketplace mobile app for my university, attracting 1k+ users. GitHub repos: Android & iOS.

TECHNICAL SKILLS

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