

# Tianyao (Till) Chen

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## EDUCATION

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### University of California, Irvine

*Master of Software Engineering*

Irvine, CA

09/2022 – 12/2023

### Jacobs University Bremen

*Bachelor of Science in Computer Science*

Bremen, Germany

08/2018 – 06/2021

## EXPERIENCE

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### Amazon

*Software Engineer Intern*

06/2023 – 09/2023

- Undertake the full-stack development of the Amazon Luna browse page, ensuring compatibility across multiple platforms including desktop Web, mobile Progressive Web Apps (PWA), and native Android for FireOS.
- Utilized: Java, TypeScript, JavaScript, Spring, React.js, Android SDK, Lombok, Guice, Junit, Mockito.

### 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, Mockito.

### 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, Mockito.

## PROJECTS

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### 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

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**Languages:** Kotlin, Python, Java, Swift, SQL, JavaScript, TypeScript C++, HTML/CSS.

**Frameworks & Tools:** Android SDK, iOS SDK, Spring, React.js, Node.js, Git, Firebase.