Zehao Tan

U.S. Citizen

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www.timtan.me/

EDUCATION

Georgia Institute of Technology Atlanta, GA
B.S. in Computer Science, GPA: 3.92 *Aug. 2018 – May 2022*
- Relevant coursework: OOP, Data Structures and Algorithms, Algorithm Design and Analysis, Intro to AI, Computer Organization and Programming, Robotics and Perception, NLP, UI Design, Computer Graphics

EXPERIENCE

Karat Financial Remote
Software Engineer *July 2022 – Feb 2023*
- Developed the Karat card dashboard and financial products for thousands of digital creators and influencers
- Maintained user-facing card application and services with TypeScript, React & Next.js
- Designed and integrated PostgreSQL tables with the frontend using GraphQL, Hasura, and Apollo resolvers
- Implemented external APIs and webhooks, including Stripe card issuing for transaction authorizations and Phyllo social stats for underwriting applicants

Amazon Seattle, WA
Software Engineer Intern *May 2021 – Aug 2021*
- Developed block lists in Fire TV for parents to hide Amazon Kids content using Kotlin and Java for Android
- Established foundation to enable millions of users to block unwanted content in Fire TV Kids
- Spearheaded design and development of initial block list feature by creating the UI/UX and implementing Android front end with internal back end API services

American Express Phoenix, AZ
Software Engineer Intern *July 2020 – Aug 2020*
- Implemented an AI chat bot for COVID relief using Rasa's ML library to be integrated in the AmEx mobile app
- Automated 63% of crisis relief customer service conversations from June 2020 and greatly improved upon the utility of current service conversation methods

Thrust Interactive Atlanta, GA
Software Engineer Intern *May 2019 – Aug 2019*
- Frontend development with React Native in an Agile environment
- Implemented multiple client iOS and Android apps including a fantasy sports app (in app store and generating revenue for company) and a vocabulary learning app for ASD children

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, GraphQL, Java, Kotlin
Technologies: React, React Native, PostgreSQL, Android, AWS (Lambda, DynamoDB, EventBridge), GCP
Libraries: Supabase, Tailwind CSS, Next.js, Amplify, Firebase, Chakra UI, Rasa (NLP)
Other: Figma, Final Cut Pro, Sketch, Mandarin

PROJECTS

Feast App (1k+ downloads) | *React Native, AWS* *Dec 2021 – April 2022*
- **Download iOS App:** www.feastapp.io/ **About:** https://vm.tiktok.com/TTPd4Se1xC/
- Built social food platform from ideation to launch - developed features, user interface, frontend, and backend
- iOS/Android app for discovering restaurants through friends and sharing photos and reviews of delicious eats
- Implemented user authentication, data storage, API logic, custom designed UI components, and a web scrapper

Rentcha www.rentcha.com | *React, Next.js, Supabase, Google Places* *Dec 2022 – Jan 2023*
- Developed an apartment rental review platform to help friends launch an MVP of their startup
- Created the user interface, fetched apartment info, and stored review data and photos

Intelliflect | *React, Python, Google Dialogflow, AWS* *Jan 2020 – May 2020*
- Built a home assistant smart mirror that takes in user voice input and displays relevant visual data
- Implemented voice intent and entity extraction using Dialogflow and managed data through AWS, subsequently displaying local weather information, videos, and calendar events
- Demo (by teammate): https://rb.gy/bdkamq