

Albert Zhang

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Employment History

- June 2022 - Current **Software Engineer II - O.C. Tanner**
Backend microservice developer for Culture Cloud team. Created API endpoints with up to 4k calls every second and maintained backend for Culture Cloud product with 10+ million users. Responsibilities include creating graphql queries/mutations, setting up and maintaining multiple and implementing kafka consumers, producers, connectors and kstream apps, maintaining and updating security vulnerabilities, creating new dev environments and pipelines, data migrations, writing new documentation, breaking down tickets and large projects, and mentoring new software engineers and interns.
- May 2021 – August 2021 **Software Engineer Intern - Herbalife Nutrition**
Designed and implemented automation scripts to manage user servers.
- May 2019 – August 2019 **Software Engineer Intern - Cox Automotive**
Backend developer internship for dealership management software on the Dunder-Mifflin Team. Implemented backend endpoints and regression tests for dealership management software.

Education

2017 – 2022 **B.S., University of Utah** Computer Science

Skills

Languages **Java, C# , C++, C, Python, MatLab, R, Javascript/Typescript**
Databases **MySQL, PostgreSQL, SQLite, Google Firebase, ElasticSearch/Open Search.**
Technologies **HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server, Kafka .**

Skills

- League of Legends TFT Comparator **Created a stats comparing website for the competitive League of Legends game for Teamfight Tactics players using React Mantine UI components and the Riot API.**
- Live Data Source Tracker **Integrated a fully automated live data source tracker producing a compiled mp4 file of the user's selected time that was scraped in Python and C++. Utilized Docker, Selenium, AWS's EC2 instances, and Elastic File System.**
- AutoStock **Implemented a web-based platform that acted as a abstract interface for users to create, learn and test different automated stock trading algorithms using React, GraphQL, Google Cloud, and Flask.**