

ANTHONY CHIANG

SOFTWARE ENGINEER

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PROGRAMMING LANGUAGES

Java
SQL
GraphQL
TypeScript
JavaScript
HTML / CSS
Angular
React
Kotlin
Ionic
Golang
Ruby

TECHNOLOGIES

Git
AWS
Azure / Azure AD
Microsoft Graph
Docker
Kubernetes
Postman
OAuth2

WEBSITE

<https://anthony-chiang.com>

COMPETITION

ACM ICPC
DubHacks

LEADERSHIP

UW Badminton Club
• Team Manager
• Treasurer
2019 Seattle AGA Rep.
• Six-Dan Go Player

EDUCATION

University of Washington, Seattle

MAJOR: Informatics - Software Development, B.S.

GRADUATION: June 2021

- **Coursework:** Data Structures and Algorithms; Databases Design and Management; Client-Side Web Development; Server-Side Engineering; Web Programming; Programming Languages and Implementations

EXPERIENCE

ServiceNow | Software Engineer Intern

JUN. 2020 - SEPT. 2020 | *Azure, Javascript*

- Cloud Infrastructure - Instance Automation Team.
- Built an **Azure Library** as a communication layer between ServiceNow apps and Azure.
- Offers an easy-to-use entry point to connect and deploy at scale on Azure: library provides collection of methods to spin up & tear down the ServiceNow instances.
- Speed up deployment time by **3x** - deploys hundreds of instances under an hour.
- Fully customize and automate the deployment process with a state machine.
- Exhaustive test suites with Sinon.JS and error handling.

T-Mobile | Software Engineer Intern

OCT. 2019 - JUN. 2020 | *GraphQL, Nest JS, TypeScript, Angular*

- Built a centralized **authorization service** for internal company applications.
- Ruled out overlapping code and optimized query time across integrated products.
- Designed custom joins with GraphQL to stitch user's metadata across various platforms.
- Allow clients to query only for the necessary authorization information on calls.
- **One-click** 'Request Access' button for end users across all applications.

Flight Transaction Management | Research Assistant

OCT. 2018 - DEC. 2018 | *Java, SQL*

- Developed a flight transaction interface that allows users to create account, deposit, book, cancel reservation, pay, etc.
- Enforced strict 2PL to ensure transactions are conflict serializable. Manipulated transactions to avoid deadlock.
- Utilized Java built-in PreparedStatement to counter SQL injections.
- Pulled flight dataset from AWS. Performed data wrangling to load into the database.

PROJECT

Joyfill | captstone-joyfill.firebaseio.com

APRIL. 2020 - PRESENT | *TypeScript, Angular, HTML/CSS, Firebase, Ionic*

- Project is **Work In Progress**.
- Social media application to discover, invest, and build joys with your friends.

React Weather | anthony-chiang.com/react_weather

SEPT. 2019 - OCT. 2019 | *JavaScript, React, HTML/CSS*

- A weather checking site for users to query weather information on cities worldwide.
- Performed asynchronous fetch request to retrieve data from the OpenWeatherAPI.
- Utilized local storage to store location preferences.