Jonathan Yu

SOFTWARE ENGINEER @ T-MOBILE

jonathanjyu96@gmail.com
253-306-9511
Tacoma, WA
www.jonathanyu.dev

EXPERIENCE

T-Mobile - Software Engineer   2021- Present

Lead full-stack development of an internal web application for managing eSIM line provisioning rules and platform micro service APIs. Help migrate micro-services in the mobile device unlocking platform from Oracle SQL to Couchbase.

T-Mobile - Data Engineer   2019 - 2021

Develop Android device testing scripts for engineers to perform network tests at various cell site towers nationwide. Automate and optimize Hive queries and data pre-processing. Build various internal applications for visualizing internal stats and insights as well as data management.

PROJECTS

Dev Space

Personal NextJS website developed using React and Chakra UI. Custom voxel model designed using MagicaVoxel and Blender, integrated using ThreeJS.

Admin UI

Internal tool for managing users, provisioning rules, and API datasources developed using with Angular / Spring Boot / Cassandra DB stack.

Gaming Dashboard

Dashboard application, developed using Plotly Dash and Bootstrap, for providing T-Mobile user & network engagement / performance stats on cloud gaming services.

LOL:TANA

iOS mobile app that predicts the win percentage during a League of Legends game based on various in-game factors using a Logistic Regression model.

EDUCATION

University of Washington

2014 - 2019

Computer Science B.S.   GPA: 3.5

EXTRACURRICULAR

Korean Student Association

2014 - 2019

Lead a student organization and organize fun events to promote Korean culture on UW campus as President and other roles.

DubHacks

2017-2019

Participate and collaborate with other students in UW's annual hackathon.

TOOLS & FRAMEWORKS

Angular	React
HTML	CSS
Python	Java
Adobe XD	SQL
Bash	Swift