

Teague Sangster

| sangsterteague@yahoo.com | (858) 776-3273 | [LinkedIn](#) | [Git Hub](#) | [Leet Code](#) |

Motivated Developer with a strong foundation in C++, Java and Test Engineering seeking to apply my skills in complex projects.

Skills

C++, Python, Java, R, MySQL, AWS, MongoDB, React, Firebase, GCS, Raspberry Pi, Arduino, Eclipse, IntelliJ, Data Structures, Algorithms, Gherkin, Selenium, Software V&V, Lisp, Dr. Racket, Functional Programming, OOP, IntelliJ, CLion, and Logic Works 5.

Education

Computer Science B.S. *San Diego State University*

Fall 2024 – Spring 2026

GPA: 3.78

Coursework: Intro to Software Systems; Computer Architecture; Data Structures and Algorithms; Advanced C++ Programming; Discrete Mathematics; Linear Algebra; Applied Statistics & Probability; Advanced Programming Languages, Intro to AI.

Experience

Software Developer Intern - *ResMed*

June 2023 - September 2023

- Implemented an API calls library for the S10 device model testing in Java using Feign annotations. Included creating a mock device, sending mock device settings, and sending mock patient summary.
- Designed test file in Gherkin to demonstrate an error in device dataflow occurring in Amazon MQ
- Completed E2E testing for AirView platform 4.42 release

Server - *Panini Kabob Grill Inc.*

Spring 2021 - Spring 2022

- Provided an excellent dining experience for guests by answering questions, taking orders, and serving food.
- Managed and expedited orders for in restaurant and to-go orders.

Projects

Tagros Clips

<https://github.com/TeagueSS/Tagros-Clips>

- Built personal video streaming site using GCS, Node JS, and Firebase to create a fully in house video sharing and streaming site for friends to upload social clips.
- Created a Video Processing Service for transcoding user uploads to stream-able filetype
- Used Google Cloud Service, Pub/Sub, and Firebase for handling user Sign Up / Sign In, Authentication, Video Upload, and Automated video Processing + Tagging.

San Diego Traffic Increase

<https://github.com/TeagueSS/CISC191Project>

- Aggregated 32 years of SANDAG public transit data into searchable results.
- Used SANDAG traffic data and predicted traffic increase to build a traffic predicting UI through Java for 2018-2050

Arduino Rain Predictor

- Used hardware components to sample humidity, temperature, and pressure to predict weather changes and warn for chances of rain.
- Combined Arduino, test driven development, and knowledge of embedded systems to automate robot functions.

References

Wing Choi
Daniel

Lead Software Engineer, ResMed – Wing.Choi@resmed.com
Manager, Panini Kabob Grill Del Mar - (619) 370-1058