Kyle Saburao

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Skills

Languages	Python, C/C++, Java, Typescript, regex, Go
Procedures	git, Agile Development, Unit Testing, Feature Tracking
Web	Angular, Google Cloud Platform, WebSockets, REST, HTML / CSS

Work Experience

01/2020 – 08/2020

NETINT Technologies Inc., *Co-op Firmware Engineer*
- Developed automated SSD benchmarks through Python and industry tools such as fio to ensure long-term performance and reliability metrics are not violated by feature commits.
- Designed and created development toolchains through regex parsing to extract and reconstruct valuable controller data, post critical failure.
- Identified, reproduced, and reported issues found in NVMe, FTL, and transcoder Jenkins validation suites through Jira tickets.

Project Experience

03/2021 – 04/2021

COVID Report Tracker
- Developed an Angular webapp that allows users to create and view COVID reports stored on an external document store database.
- Used APIs served from leaflet maps, Google reCAPTCHA & Javascript Maps, and SFU REST services to provide core application functionality.
- Employed extensive use of Angular material design components to create an attractive user interface.

09/2019 – 12/2019

CRADLE VSA Support, *Lead Android Developer*
- Spearheaded class project Android development in Java to continue to meet new feature requirements of the customer.
- Created intuitive views for authentication, data collection and submission, which would greatly improve operations vs. current physical paper records.
- Collaborated with server team to develop a consistent client-server JSON data format among all architecture components.

01/2019 – 04/2019

CHIP-8 Emulator, *Project Director*
- Led a team of 6 via Agile principles to consistently deliver milestones ahead of schedule.
- Directed merge requests, conflict resolutions and wrote both feature and issue tickets via GitLab enabling smooth continuous integration.
- Implemented the emulator instruction set architecture and sprite editor through TypeScript.

Education

09/2017 - Current

Simon Fraser University
B.Sc. Software Systems, School of Computing Science
- 3.92/4.33 CGPA
- Dean's Honour Roll & Open Scholarship
- Activities & Societies: Software Systems Student Society, HackThe90's, Life Hacks, Hackademia