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https://github.com/dsawali

Davis Sawali

Employment

Software Engineer in Test **Electronic Arts Inc.** **Mar 2020 – Present**

- Proposed and implemented an elegant solution to automate test a largely asynchronous on-demand translation service by leveraging a mock service
- Developed automated tests for a core product that handles content mapping and delivery to users at a large scale while maintaining a consistent above 90% automation coverage
- Contributed in developing and maintaining an in-house testing framework to facilitate automation testing across three different scrums

QA Test Engineer **Vipre Security** **Sep 2019 – Mar 2020**

- Contributed in the conception of a new branching strategy for test automation that allows efficient regression and smoke testing, minimizing the number of manual tests needed
- Developed an automation template repository for quick generation of integration and end-to-end tests using Go

Software Developer Co-op **BCAA** **Sep 2018 – Apr 2019**

- Integrated APIs made by the micro-services team to the front-end using .NET framework and JavaScript
- Contributed in a sizable development team to meet milestones of core feature deliveries using Agile/Scrum methodology
- Implemented custom web components that allow for efficient reuse using JavaScript and Handlebars

Education

Burnaby, BC **Simon Fraser University** **May 2015 – May 2019**

- B.Sc in Computing Science; Graduated with Co-op, Jun 2019
- Undergraduate Coursework: Operating Systems; Database Systems I & II; Data Structures and Algorithms; Web Information Systems; Data Science

Technical Experience

Projects

- **Libra** (2021). Bot that allows Discord servers to enable a stock paper-trading game in semi real-time – JavaScript ES6, MongoDB, Express.
- **Nade-nade** (2019). Character popularity live poll API – JavaScript ES6, MongoDB.
- **Anime Recommendation System** (2018). Anime recommendation model that returns a list of recommended content items using K-nearest neighbour algorithm with 62% accuracy – Python, Pandas, Scikit-learn
- **U-pass Automator** (2018). Automated bot that requests U-pass every month – Python, Selenium.

Additional Experience and Involvements

- **Musician, Drummer – Vancouver City Blessing Church (2014 - Present)**
- **Project Manager – SFU Indonesian Association (2016 - 2017)**

Languages and Technologies

- JavaScript ES6; TypeScript; Python; Go; C#; Java; C; C++
- Node; React; Jasmine; MongoDB; GraphQL; Jenkins; Docker; Selenium