James Leong

Software Developer

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Technical Proficiencies

- **Languages:** Java, JavaScript/TypeScript, Python, SQL, Bash
- **Software:** VSCode, IntelliJ, PyCharm, Git (Github, GitLab), MySQL, MSSQL, Jenkins, Docker, AWS, GCP
- **Frameworks:** ReactJS, VueJS, Flask, Django, NodeJS, NestJS

Professional Experience

Software Engineer – Dialpad, Vancouver, BC   **Aug 2019 - Present**

- Exposed presence and state support for desk phone hardware using the SIP Publish and Presence frameworks to synchronize the phone states which establishes a seamless experience with Dialpad's soft clients
- Simplified desk phone activation and registration process with a self-hosted activation server, reducing the complex UI/UX flow and redundant reboot cycles
- Extracted call statistics from hardware into Google Datastore and BigQuery for analytics, providing users and administrators with insights about calling behaviour
- Upgraded legacy desktop software, created tools to monitor and diagnose future unknown dependencies

Full Stack Developer – BSM Technologies, Burnaby, BC   **Jan 2018 – Aug 2019**

- Product-focused developer; used ReactJS, NodeJS, TypeScript and MSSqlServer to build the analytics dashboard for the fleet tracking industry, allowing fleet managers' knowledge and context of their data
- Demonstrated proof of concept data pipeline and Extract, Transform, Load process, which influenced company to migrate applications and infrastructure onto the cloud
- Added user analytics to existing applications, providing product design teams with customer insight for informative feature decisions

Junior SW Dev/SDET Co-op – Neurio Technologies, Vancouver, BC   **Dec 2016 – Sept 2017**

- Designed, built and integrated CI/CD with AWS Code Pipeline to build, test and release current front end and REST API increasing test coverage to 70%
- Built a Flask web application as a testing infrastructure to schedule, compile, execute, measure and log builds to test the results of their new storage optimization analytics software
- Extended and refactored Python/Java/Jenkins automation framework for public facing REST APIs, streamlining the CI pipeline and providing robust coverage before release

Software Test Engineer Co-op – Schneider Electric, Burnaby, BC   **Sept 2015 – Apr 2016**

- Automated front end regression testing with Python/Selenium allowing team to iterate with confidence
- Refactored embedded system automation codebase, leading to a system executing faster with readable output

Software and QA Developer - SFU Ancillary Services, Burnaby, BC   **May 2015 – Jan 2016**

- Developed Official SFU iOS App, which equips current and future students with a portal to all school services

Projects and Courses

VoiceNotes, VoiceMinder: Personal Project   **Sept 2017 – July 2018**

Voice-controlled Web-app for user submitted microservices

Placed 2nd at SFU System Hacks 2018, Top 30 at NWHacks 2018

Education

Simon Fraser University - Burnaby, BC   **Jan 2014 – Sept 2017**

- Bachelor of Science - Major in Computing Science

A more comprehensive version of my resume can be viewed at: **jyleong.github.io/about/resume/**