

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

- Feature-oriented engineer creating and integrating telephony/Enterprise VoIP features over desk phone hardware to provide feature parity for customers moving to Dialpad as a telecommunications service provider
- Extracted call statistics from hardware into Google Datastore and BigQuery for analytics, providing users and administrators insights over 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 using 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 influencing company to migrate applications and infrastructure onto the cloud
- Integrated user analytics to existing applications, providing product design team with customer insight to make informative feature decisions

Junior SW Dev/SDET Co-op – Neuroio 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 on Scala REST API, streamlining the CI pipeline and providing more robust coverage

Software Test Engineer Co-op – Schneider Electric, Burnaby, BC

Sept 2015 – Apr 2016

- Automated regression front end tests with Python/Selenium allowing team to iterate faster 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

Soulcast.ml: Personal Project

Jan 2017 – Aug 2017

Voice based social media application, push-to-talk communication over geo-location for mobile clients

Education

Simon Fraser University - Burnaby, BC

Jan 2014 – Sept 2017

- Bachelor of Science - Major in Computing Science