

OMAR KASSOUAR

Software developer in Toronto, ON with a soft spot for continuous delivery, developer-tooling, open-source, digital privacy, and vim bindings. Really good at breaking things; almost as good at fixing them. On a mission to level-up my skills and explore innovations that balance user-experience, business-value, and privacy/security. Restless autodidact with a passion for mentoring others.

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EXPERIENCE



Automation & Tooling Developer | Connected | Oct 2017 - Present

Design, build, and maintain automated tooling (testing, deployment, utilities) as part of cross-project Integrity initiative serving multiple internal development teams.

- iOS + Android automation framework for running end-to-end smoke tests on physical-devices (Ruby/Appium).
- Alexa-skill utterance validation framework for comparing NLP results between regional accents (NodeJS/Golang).
- ML-dataset preprocessing/assignment pipeline (PHP) and asset upload pipeline (Python).
- IT inventory management app (Swift/NodeJS).
- Coach traditionally waterfall teams to follow CI/CD best practices.
- Onboard and mentor co-op students with focus on maximizing their impact.



Software Developer Intern | Shopify | Sep 2016 - Dec 2016

Full-stack development on Shipping team; implemented new features and bug fixes within admin settings UI; refactored and expanded coverage of unit and integration tests for Shipping microservice.



QA Analyst | VarageSale | Jun 2014 - Aug 2016

QA on Infrastructure Team, focused on Payments and Notifications systems; automated repetitive tasks and maintained staging deployment bot; verified user stories and defects across web, iOS, and Android; designed test cases for constantly iterating product; collaborated with stakeholders to identify concerns early in dev cycle.



Compliance Test Specialist (TRC) | VMC Game Labs | Sep 2011 - Jul 2013

Verified client products against Sony's Technical Requirements Checklist in preparation for PlayStation QAAP submissions; consulted with client teams throughout dev cycle for early-detection and avoidance of potential violations; maintained complex test suites across multiple projects; participated in Sony's DevNet forum and VMC's internal TRC Hotline; on-site contracts for local clients.

SKILLS



Ruby



NodeJS



Golang



Python



PHP



Swift



SQL



Unix/Linux



Git / Mercurial



Shell

EDUCATION



nand2tetris

Build a Modern Computer from First Principles (2017)



edX Harvard

Computer Science CS50x (2015)



Vanier College

Computer Science & Mathematics (2010)



Canada Learning Code

Kids Technical Mentor

VOLUNTEERING