

# Mikael Samvelian

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🌐 mikesmvl

in mikael.samvelian

## EDUCATION

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Sep 2015 – May 2020  
Montreal

**Concordia University**  
*B. Eng. in Software Engineering*  
GPA: 3.70 (Present Year) 3.0 (Total)

## PROFESSIONAL EXPERIENCE

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May 2020 – present  
Montreal

**Haivision**  
*Software Developer*

- Developed REST API micro services in an agile environment using **Open API**, **Node.js** and **MongoDB**.
- Integrated real time notifications using **WebSockets**.
- Used **Kubernetes** along with **Helm** to monitor, debug and deploy production systems.
- Addressed regular production bugs and improvements in services using **Kanban** to prioritize requirements, and utilizing **CI/CD** pipelines to rapidly iterate.
- Improved application stability by writing automated API tests in **Mocha** and **Chai**.
- Constantly exceeded expectations by delivering user stories, documentation and infrastructure improvements ahead of time with good communication.

May 2019 – Dec 2019  
Montreal

**Haivision**  
*Software Development Engineer in Test*

- Programmed and automated test suites using E2E frameworks on **Python** and **Node.js**.
- Reduced regression testing time by 70% which resulted in significantly faster releases.
- Established a continuous integration and development pipeline with **Circle CI** to automatically build and test code base.
- Continuously worked in an agile environment.
- Identified new automation tools/approaches that increased quality, development velocity and decreased testing costs.
- Designed and developed a local dashboard page with graphics to help visualize results of automated tests.
- Implemented a performance test using visual regression for the company's core product by mapping mathematical models to code.

Jul 2018 – Jan 2019  
Montreal

**Keywords Studios**  
*Functional Quality Assurance Tester*

- Identified, documented and reported bugs, errors, interoperability flaws and other issues for a variety of titles.
- Demonstrated methodical, detail-oriented and thorough approach to all assignments while adhering to compressed timelines.
- Consistently recognized for excellent problem-solving and analytical skills by programmers, project managers and supervisors.
- Worked collaboratively with QA and development to complete comprehensive testing on two major new releases.
- Completed all assignments on or ahead of schedule.

## SKILLS

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**Programming Languages:** (Python, Java, Javascript)

**Web & Database** (Node.js, React.js, Vue.js, SQL, NoSQL, HTML5, (S)CSS3)

**DevOps** (Kubernetes, Docker, Automated Testing, Azure, AWS)

**Industry Knowledge** (Git, Agile Methodologies, Scrum, Jira)

**Soft Skills** (Leadership, Problem-Solving, Communication, Teamwork, Adaptability)

## LANGUAGES

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English

Native tongue

French

Proficient

## PROJECTS

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Oct 2020 – present

### Can I Afford

Personal Project - [www.caniafford.ca](http://www.caniafford.ca)

- Created modern UI by writing reusable components with React hooks.
- Integrated a serverless framework by using Firebase Cloud Functions.
- Automated deployment through Github Actions.

Jan 2020 – May 2020

### Artificial Intelligence Project

Concordia University

- Developed a solution to the Lights Out puzzle in Python by using algorithms Breadth First Search, Depth First Search and A\*.
- Improved run times by creating and using a heuristic.

Sep 2019 – May 2020

### Capstone Project

Concordia University

- Developed a web application ([travelingstrategy.com](http://travelingstrategy.com)) using React.js, Express.js, GraphQL, Python, SQLite3.
- Understood the app in and out which facilitated unblocking teammates.
- Followed best practices when creating the foundation of the project to simplify long term work.
- Created a Digital Ocean Ubuntu server to host the application and used Linux commands to handle deployments.

Jan 2018

### DroneFilm

HackConcordia (Hackathon) Project

- Led a team of four developers to build a web application ([dronefilm.ca](http://dronefilm.ca)) in 24 hours.
- Completed all functionalities within the time limit.
- Used the following technologies: Vue.js, Node.js, Firebase, Google Places API and Paypal's API.