

# Mikael Samvelian

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## 🎓 EDUCATION

September 2015 –  
May 2020

**Concordia University**  
B. Eng. in Software Engineering

## 👜 PROFESSIONAL EXPERIENCE

May 2019 –  
December 2019

### Haivision

Software Development Engineer

- 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.

July 2018 –  
January 2019

### 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

### Programming Languages:

Python, Java, Javascript



### Industry Knowledge

Git, Agile Methodologies, Scrum, Jira



### Web & Database

Node.js, React.js, Vue.js, GraphQL, Nightwatch.js, Pytest, SQL, NoSQL, HTML5, (S)CSS3



### Soft Skills

Leadership, Problem-Solving, Communication, Teamwork, Adaptability



## 🗣️ LANGUAGES

### English

Native tongue



### French

Proficient



## PROJECTS

January 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.

September 2019 –  
May 2020

### **Capstone Project**

*Concordia University*

- Worked independently and as part of a team to develop a web application (travelingstrategy.com) using React.js, Express.js, GraphQL, Python, SQLite3.
- Served as a mentor to junior team members.
- Finished deliverables weeks ahead of estimation.

January 2018

### **DroneFilm**

*HackConcordia (Hackathon) Project*

- Led a team of four developers to build a web application (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.