

# Valentin Magot

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<https://valentinmagot.github.io/portfolio/>

## Summary of Skills

- Graduated software engineer from the University of Ottawa, April 2021
- Familiar with Web Development, Digital Systems, Computer Architecture, Data Structures and Algorithms, Hybrid and Native Mobile Development (Android), Project Development, User Interface Design and Software Quality Insurance, Artificial Intelligence, Salesforce.com, IoT, SaaS, and Networking
- Understands Agile process and followed scrum master training also familiar with JIRA
- Speaks English fluently and native French speaker.

## Works Experience

### System Admin May 2020 – Present

#### Shared Services Canada (Gov of Can)

- Configure and develop new features for the GC Cloud Brokering Service Portal to meet client requirements
- Analyze the GC Cloud Brokering Service Portal a Salesforce community web service to make it WCAG 2.0 compliant as well as follow the organization's internal design guidelines
- Use different technologies in the Vlocity package to improve the UX/UI of the Salesforce community
- Acquire DevOps skills using tools such as the Salesforce Agile Accelerator, Copado, and Github

### Technical Analyst - Mobile Solutions - Coop Program Jan-Apr 2019

#### Public Services and Procurement Canada (Gov of Can)

- Demonstrate the functionalities of the GitLab pipeline by creating webpages using the WET template and an MVC architecture
- Investigate multiple hybrid mobile development frameworks such as Ionic4, Flutter, React Native, Native Script
- Develop an end-to-end testing framework called Cucumber-Puppeteer to test the Gcdocs mobile project (TDD)
- Assist in the Gcdocs mobile project that allows Gcdocs users to have a mobile version of the software using ActiveView, REST API calls, and HTML, CSS, JavaScript

### Junior project officer - Coop Program Jan -Aug 2018

#### Environment and Climate Change Canada (Gov of Can)

- Design a Microsoft Access Database for the Regulatory Innovation & Management Systems (RIMS) Division during a 4-month placement using VBA
- Write a user manual along with a database administrator manual
- Acquire skills in oral communication while conducting a weekly meeting and doing database demonstrations for the division

## Education

### Bachelor of Applied Science in Software Engineering 2016-2021

University of Ottawa, Ontario  
Access grant for studies in French  
Earned Dean's Merit Scholarship twice.

## Personal Projects

#### FitGive

- Design a React web app that encourages people to exercise daily by challenging their friends.
- Built the architecture of the project using React as a front-end technology, Node as the back-end technology, and Firebase as the database management system.
- Implement pose estimation using PoseNet to help the user perform the exercise with good form.
- Verified the implementation and code quality with Jest unit test, Cypress end-to-end testing, and code coverage.

#### Jumper

- Create Jumper an HTML5 and JavaScript game running on both web browsers and the Odyssey High School Arcade system platforms
- Built the entire project from scratch using the Phaser.io framework

- Implement the map of a game using the Tiled.io framework
- Design the map object and sprites using Macromedia Flash software

## Computer Skills

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**Programming:** JavaScript, Python, Java, C++, TypeScript, Apex, HTML/XHTML, CSS/SCSS, SQL, VBA  
**Technologies:** Salesforce, Lightning Web System, Git, Node, Docker, TensorFlow, React, Vue, Angular, Firebase, Jest, Karma, Cucumber, Cypress, Puppeteer, REST API, PostgreSQL, Numpy, Scikit-learn, Figma, Adobe XD, Adobe Illustrator  
**Operating System:** Windows 7-10, macOS, Ubuntu, Kali Linux

## References

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