

Valentin Magot

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Summary of Skills

- Graduated software engineer from the University of Ottawa
- 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 - Coop Program **May 2020 – Present**

Shared Services Canada (Gov of Can)

- Analyze the GC Cloud Brokering Service Portal a Salesforce community web service in order to make it WCAG 2.0 compliant as well as following the organisation internal design guidelines
- Use different technologies in the Vlocity package to improve the UX/UI of the Salesforce community
- Acquire DevOps skill 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 in order to test the Gcdocs mobile project (TDD)
- Assist in the Gcdocs mobile project that allows Gcdocs user 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 demonstration 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 of a React web app that encourages people to exercise on a daily basis 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 in order to help the user performing the exercise.
- 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 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

Programming: JavaScript, Python, Java, C++, TypeScript, HTML/XHTML, CSS/SCSS, SQL, VBA
Technologies: Salesforce, 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

Patrick Heard
Conseiller technique
Services publics et de l'Approvisionnement et de
l'Accessibilité
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