

# SIFOU BIRI

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## SUMMARY

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- Have a great passion for the craft of Software making
- Loves learning and it's rewarding Aha! moments
- Loves finding and solving problems
- Github: <https://github.com/bsifou>

## EDUCATION

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### University of Winnipeg, ACS

2017

BSc, Applied Computer Science

- **Relevant courses:** Software Design & Arch, Database systems, Design Patterns, Computer Networking, Computer Security, Advanced Internet Programming, Graph Theory, Data Struct & Algorithms, Unix, Database Systems, Game Theory & Strategy
- **online Courses:** Systematic Program Design - UBCX, Learning How to Learn

## RELEVANT EXPERIENCE

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### Application developer, Course project

Jan 2016 - Apr 2016

- Designed and implemented a Web app to help students in matching to form team projects. Using React.js, Meteor.js, Bootstrap, Github API. First iteration was done with Java Servlets.

## LANGUAGES:

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- English, French (fluent in both)

## SKILLS

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- Object Oriented Programming: Java and JavaScript
- Functional, Data Oriented, multi-threaded Programming: Clojure, ClojureScript, Racket/ Scheme
- Web technologies: React, Om, HTML5, CSS, REST
- Relational databases: SQL (PostgreSQL), Datalog (Datomic)
- NonSQL databases: MongoDB
- Linux and command line utilities
- Programming tools: Emacs, Git, IntelliJ IDEA, build tools (Gradle, Leiningen), JIRA
- Grasp of CS fundamentals (Algorithms, Networking)
- Testing: unit testing, property based testing
- Problem solving and techniques, eagerness to learn more

## INTERESTS

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- Open Source, Functional Programming, Philosophy, Economics, Strength training, Cooking, Meditation

## OTHER EXPERIENCE:

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### Construction worker, North York

*Apr 2016 - Aug 2016*

- Worked with the project owner and manager and helped preparing and setting up the work space as the construction developed. This involved cleaning, carrying materials, setting up the tools, and working with different teams.

## VOLUNTEER EXPERIENCE

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### Toronto Jazz Festival volunteer

*June 2016*

- Provided guidance to visitors, answered their questions and stimulated their interest in the event
- Organized and helped in setting up the stage for musicians as well for the attendees