richard**sin**
modern web developer

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i speak
♥Ruby, JavaScipt
Python, PHP
SQL, CSS
+

i use
Rails, Django
AngularJS, jQuery
+ CoffeeScript
Bootstrap
AWS S3, CloudFront

i fancy
Git, Mercurial
Linux, TDD
RESTful API
RegEx, Ajax
Trello, Slack
&& SQUID

i byte
JSON, XML
Haml/Yaml

highlights

- **Highly motivated** individual, ready to crush tasks; References provided
- Heavily involved in alpha release of Filmocrats, a **startup company**
- Modern developer with **experiences using latest tools** to bring bleeding edge solutions
- Passionate coder **actively involved** in open source projects
- Desire to learn more, coupled with **great aptitude**

experiences

Filmocrats [2015]
Rails Developer — Toronto, ON
From research to production, I have built the core technology of Filmocrats with the CTO himself. Within two months of conceiving the design, our alpha product was released.

- **Proposed and designed** new streaming logic over former using HLS
- Adapted TDD for modular, and maintainable code using RSpec
- Developed **one-page-app** using AngularJS with CoffeeScript
- Protected proprietary data by delivering content with AWS key signing

Empress Effects [2014]
Database Designer — Kanata, ON
With more experience, I became the responsible designer of a full scale inventory database. I learned the importance of organized planning before execution.

- Designed an entire database schema using **ERD charts**
- Preserved data integrity using **key constraints**
- **Tested** all functionalities using PHPunit
- Optimized performance of queries using **materialized views**
- Documented specifications of all PHP code using Doxygen
- Cached data for efficency using mySQL triggers

UW Science Computing [2014]
Django Developer — Waterloo, ON
Came in as a noobie, walked out as a hacker. Picked up everything including, linux, MVC, ajax, and much more. Worked to automate exam marking process.

- Designed a user interactive module for **data analysis** system, using canvas
- Constructed **dynamic parameter API** using routes
- Integrated frontend application with backend API using Ajax
- Maintained SQL database using Django **ORM**

Science Fair In a Box [2014]
PHP Developer — Waterloo, ON
Employed to extend the project, I maintained the backend of an existing website. While this was a terribly documented project, I learned to never repeat the mistake of the previous hacker.

- Managed ubuntu packages using Advanced Packaging Tool
- Hosted local server using **LAMP** server
- Analyzed errors in pre-existing PHP code using pattern identification