

MIDORI ARMSTRONG

3A Computer Engineering – University of Waterloo

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Technical Skills

Languages

Ruby • C# • C • C++
JavaScript • PHP
HTML • CSS • SASS
Java • SQL • Bash/Shell
VHDL • ARM Assembly

Technologies

Frameworks:

Ruby on Rails • Laravel
Bootstrap • Materialize
Codeception • RSpec

Libraries/Utilities:

JQuery • CasperJS

Other:

Neo4J (graph database) • MySQL
Jenkins • Codeship
Git • Subversion

Education

Candidate for Bachelor of Applied Science – Computer Engineering

Sep. 2015 – Present,
University of Waterloo

Ranked **top 10%** of students in class
Fall 2017

Awards

Dean's Honours List

Winter/Fall 2017,
University of Waterloo

IESO Undergraduate Eng. Award

Winter 2017, University of Waterloo

Experience

Developer Intern

Jan. 2018 – Apr. 2018

Shopify

Ottawa, ON

- Designed and implemented Ruby gem in a team of two to track what Shopify data is being sent to third-party services and restrict sending of sensitive data
- Created a Rails application to list third-party services used by Shopify, including an authenticated API to query services
- Maintained 'privacy enforcer' gem that filtered personally-identifiable information (PII) in database tables for compliance with GDPR
- Designed and implemented workflow optimizations for privacy enforcer, halving the number of pull requests needed to make small changes

Full Stack Web Developer

May 2017 – Aug. 2017

Mitre Media

Toronto, ON

- Improved page load times by 46% through optimizations such as caching SQL queries, preloading images, and AJAX loading data-heavy tables
- Wrote Rails code to convert database data to CSV and Excel files

Full Stack Web Developer

Sep. 2016 – Dec. 2016

GatewayIQ

Cambridge, ON

- Created site theming system in Laravel with a Neo4J graph database
- Proactively wrote Codeception integration tests for all models and controllers on the site and acceptance tests for my changes

QA Analyst

Jan. 2016 – Apr. 2016

SurfEasy Inc.

Toronto, ON

- Developed CasperJS acceptance tests for the SurfEasy website
- Created batch and shell scripts to automate some tedious manual testing tasks, such as removing all traces of SurfEasy VPN from a computer

Projects

Video Game Mods

Aug. 2017 – Sep. 2017

- Wrote C# mod in *Stardew Valley* to increase the prices and friendship bonuses of out-of-season items, rewarding players for saving items

Trip Booster

Feb. 2017

- Created Android app in Java that generates a scenic route from one place to another by finding a path through nearby tourist spots