MIDORI **ARMSTRONG**

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3A Computer Engineering – University of Waterloo

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%** ofstudents 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