

Anna Lorimer

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EDUCATION

UNIVERSITY OF WATERLOO

BMATH JOINT HONOURS

COMPUTER SCIENCE AND

COMBINATORICS & OPTIMIZATION

Expected Sept 2018 | Waterloo, ON

SKILLS

Proficient

TypeScript • C • C++ • PHP

Git • Unix Command Line • JQuery

.NET 4.5 • AngularJS • HTML/CSS

Experienced

C# • JavaScript • MIPS Assembly

Bash Scripting • MySQL

Familiar:

Linux • Pelican • Django • CodeIgniter

COURSEWORK

Completed

Data Structures & Data Management

Foundations of Sequential Programs

Elementary Algorithm Design

& Data Abstraction

Functional Programming

Logic & Computation

Digital Hardware

In progress

Operating Systems

Algorithms

Network Flow Theory

LINKS

Github:// [annalorimer](#)

LinkedIn.ca:// [/in/annalorimer](#)

EXPERIENCE

IBI INTELLIGENT SYSTEMS ENGINEERING |

JUNIOR SOFTWARE ENGINEER, TRAFFIC MANAGEMENT TEAM

May 2016 – Aug 2016 | Toronto, ON

- Developed multi-threaded software to schedule and distribute work across multiple servers
- Used the C# Task Parallel Library and the Async/Await pattern
- Implemented the publish/subscribe pattern over an enterprise bus to collect data from microwave radar detectors
- Created net new AngularJS web application with TypeScript
- Used MV* pattern to create views, controllers, services, models and directives
- Mocked restful backend API using Angular Mocks
- Integrated mapping with OpenLayers v3

AUDIOBOOKS.COM | SOFTWARE DEVELOPER

Sept 2015 – Dec 2015 | Burlington, ON

- Implemented new features for the Audiobooks.com web application
- Pushed production code written in PHP, JavaScript and JQuery
- Optimized extraction from a MySQL database

DEJERO INC. | SOFTWARE QUALITY ASSURANCE TESTER

Jan 2015 – Apr 2015 | Waterloo, ON

- Project lead for NewsBook Mac (OSX Application) testing
- Tested Windows Embedded, iOS, OSX and Web Applications
- Performed system, unit, regression, load and function tests
- Isolated complex software and hardware bugs

WOMEN IN COMPUTER SCIENCE UNDERGRADUATE COMMITTEE | SECRETARY, OFFICE MANAGER

Jan 2015 – Dec 2016 | Waterloo, ON

- Managed a team of 9 people to run weekly academic and social events
- Supported a community of woman-identifying students at the University of Waterloo

PROJECTS

WLP4 COMPILER

- Implemented lexical, syntactic and semantic analysis as well as binary code generation using C++

WICS WEBSITE

- Regularly contributed to the WiCS website, an open-source project using Git, Pelican and Markdown

BUILDING BUYER 7000

- Unix terminal Monopoly-esque game
- Implemented in C++ using Decorator, Singleton and Factory patterns

AWARDS

2016 Women in Computer Science Grace Hopper Scholarship

2015 Shortlisted for Square College Code Camp

2013 University of Waterloo President's Scholarship