Anna Lorimer

www.annalorimer.com
anna.lorimer@uwaterloo.ca | Waterloo, ON

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

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 fro Square College Code Camp
2013	University of Waterloo President's Scholarship