

Anna Lorimer

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EDUCATION

UNIVERSITY OF WATERLOO

BMATH COMBINATORICS,

OPTIMIZATION & COMPUTER

SCIENCE

Expected Sept 2018 | Waterloo, ON

LINKS

Github: [annalorimer](#)

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

SKILLS

PROGRAMMING

Proficient

PHP • C++ • C • Python

Unix Command Line • Git

HTML/CSS • MySQL • CodeIgniter

Object-Oriented Design Principles

Experienced

Django • JQuery • JavaScript

Familiar

Ruby • Braintree • Jekyll • Linux

PostgreSQL • Pelican • Assembly

OTHER

Mathematical Optimization

Combinatorics • Algorithm Analysis

Graph Theory • Problem Solving

Public Speaking • Fluent in French

COURSEWORK

UNDERGRADUATE

Object-Oriented Programming

Foundations of Sequential Programs

Digital Hardware

Data Structures & Data Management

Functional Programming

Elementary Algorithm Design

& Data Abstraction

Logic & Computation

Introduction to Optimization

Introduction to Combinatorics

EXPERIENCE

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, JQuery and JavaScript
- Developed software for partnership with a major auto maker
- Optimized extraction and summarized data from MySQL database
- Refactored the Audiobooks.com code base to modernize and improve readability

DEJERO INC. | SOFTWARE QUALITY ASSURANCE TESTER

Jan 2015 – May 2015 | Waterloo, ON

- Project Lead for Newsbook Mac (OSX Application) testing
- Tested Windows Embedded, iOS, OSX & Web applications
- Performed system, unit, regression, load & function tests
- Isolated complex software & hardware bugs using critical thinking
- Delivered thorough testing reports using Bugzilla; commended by supervisor

WOMEN IN COMPUTER SCIENCE UNDERGRADUATE

COMMITTEE (WICS) | SECRETARY

Jan 2015 – Present | Waterloo, ON

- WiCS supports and recognizes the community of women in computer science
- Organized weekly academic events, social events & talks
- Negotiated funding with local companies
- Managed a team of 9 people & lead weekly meetings
- Maintained Open Source website using Pelican & Git

SAP GIRLSMARTS4TECH | MENTOR

November 2015 | Waterloo, ON

- Worked with SAP engineers to create a learning environment
- Introduced UI & game design principles to 40 grade 7 girls

MCMaster DELTAHACKS | PARTICIPANT

Feb 2015 | Hamilton, ON

- Created a Django application called WhatPrivilege.me that introduces the user to the concept of social privilege
- Used Skeleton, PostgreSQL and JQuery

OTHER QUALIFICATIONS

2016 Attended Canadian Celebration for Women in Computing (CAN-CWiC)

2016 Speaker on panel for incoming co-op students (WiCS)

2015 Shortlisted for Square Code Camp

2015 Attended Hack the North

2015 Attended AlterConf in Toronto

2013 University of Waterloo President's Scholarship

2013 Awarded Diplôme d'Études en Langue Française (DELF) Level B1

2013 Awarded Dora Helmkey Scholarship for dedication to field of study
(Glebe Collegiate Institute, Ottawa)

2010 - 2013 Awarded Silver Medal for Academic Excellence; 90+% average
(Glebe Collegiate Institute, Ottawa)