

# MARY BERGIN

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GUELPH, ON, CANADA

## PROJECTS

### Password Vault

- School project that implements a password vault using a hash table
- Written in C

### Hospital Simulation

- School project that simulated the wait times in a Hospital with regular and specialty doctors
- Implemented using a priority Queue and heaps
- Written in C

### SynonymBuns

- Participated in the creation of a website to aid students in the creation of their resumes
- Finds words in a given paragraph and gives appropriate business and tech related words to replace

### GWICS Website

- Contributing to the upkeep of Guelph women in computer science website along with other club members
- Ensuring the executive team page is current and up to date

### Personal Website

- Created personal website acting as a portfolio
- Used Bootstrap, HTML and CSS

## SKILLS

### Technical Skills

- Comprehensive knowledge of C developed through projects and assignments
- Moderate knowledge of Java at University level, developed through projects and assignments
- Extensive knowledge of Microsoft Word, Microsoft Excel, and Microsoft PowerPoint obtained through both professional and personal experience
- Extensive experience with Mac OS, iOS 12, Linux, and Windows 10, gained through personal and educational practices
- Wide ranging experience with development tools such as GitHub, Trello, and Slack

### Applicable Skills

- Exceptional leadership skills gained through years of volunteering and working
- Immensely self-motivated, stemming from passion and desire to strive
- Exceedingly organized, developed through volunteer experience in event coordination, and work experience

## EDUCATIONAL HISTORY

### Bachelor of Computing, Software Engineering (Co-Op) Sept 2017 - Present

*University of Guelph, Guelph ON*

- Expected graduation date May 2022
- University of Guelph Entrance Scholarship of \$3000 for average of 92%
- Minor in Media Studies

### Ontario Secondary Diploma Sept 2013 - June 2017

*Waterdown District High School, Waterdown ON*

- Four Honour Roll awards for maintaining an average of 80%
- Ontario Scholar award received in Grade 12
- Scholarship for extensive and valuable work in the Tech department
- Scholarship for dedication and passion in the Music department

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## CONFERENCES AND EVENTS ATTENDED

### CAN-CWiC

Halifax NS, Nov 2018

- Canadian Celebration of Women in Computing
- A networking, sharing, learning, and mentoring experience for Women in Computer Science
- Attended several panels and talks

### CUSEC

Montreal QB, Jan 2018

- Canadian University Software Engineering Conference
- Attended a variety of panels

### Elle Hacks

York University, Toronto ON, Feb 2019

- Developed a project in a group of 4 that aims to be a business-focused thesaurus for resumes
- Won best domain name

### Electric City Hacks

Trent University, Peterborough ON, Nov 2017

- Participated in Canada's only 37-hour hackathon
- Demoed project aiming to act as a mental health diary

### Hacktoberfest

Oct 2018

- Participated in month long celebration of open-source code
- Won a t-shirt for my contributions to the open-source community

## VOLUNTEER EXPERIENCE

### Go Code Girl Volunteer - Feb 2017

University of Guelph, Guelph ON

- Taught and mentored young girls ages 7-12 about Computer Science and coding
- Assisted in running workshops that consisted of teaching girls to code, facilitating the creation of well thought out designs, and the basics of circuit board creation
- Worked with others to create a welcoming and educational environment

### Guelph Women in Computer Science Financial Manager - Sept 2018 - May 2019

University of Guelph, Guelph ON

- Collaborates with club executives to run events with 300+ attendees
- Sets and manages semester budgets through Microsoft Excel
- Applies for grants, scholarships, and funding on behalf of the club

## WORK EXPERIENCE

### City of Guelph, Accessibility Assistant - May 2015 - Present

Guelph ON

- Creates and facilitates the training of employees on website quality Assurance and accessibility
- Remediates and supports departments in remediating documents and web content
- Composes accessible forms and templates for departments

### Tim Hortons, Supervisor - Aug 2015 - April 2019

Waterdown ON & Guelph ON

- Lead team to ensure product quality and customer experience was up to par
- De-escalated situations in which a customer was angry or upset and ensured they left
- In charge of tracking and counting the money at the end of a shift

### Ford Motor Company, Assembly Line Worker - May 2018 - Aug 2018

Oakville ON

- Ensured paint quality of cars by facilitating repairs
- Operated body building robots
- Problem solved during breakdowns and errors within the system