# Glenn Hartmann

# 1B Computer Science

# 20266893

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### SKILLS SUMMARY

* 4 months working with computers in a library as a Community Access Program (CAP) Youth Worker
* Considerable experience with several computer programming languages including Visual Basic and Java, developed through self study
* Fair knowledge in Scheme and beginning knowledge in C, developed through academic study in first year Computer Science courses
* Extensive computer knowledge and skills, and eager to learn new material
* Fluent in French

### EDUCATION

**Candidate for Bachelor of Computer Science**, Computer Science, Co-op Program, University of Waterloo, Waterloo, Ontario, September 2007- present

**Relevant Assignments:**

**Function Differentiation Program,** Designing Functional Programs, September – December 2007

* Used functional programming language, Scheme
* Successfully made program which differentiates mathematical functions

**Tail-Recursive Insertion Sort,** Designing Functional Programs, September – December 2007

* Wrote a tail-recursive program that implements the insertion sort algorithm

**Relevant Courses:**

* Designing Functional Programs
* Elementary Algorithm Design and Data Abstraction (currently enrolled)
* Algebra and Calculus 1 & 2 (currently enrolled)

**Ontario Secondary School Diploma**, Grey Highlands Secondary School, Flesherton, Ontario, June 2007

**Relevant Assignment:**

**Battleship,** Internal Computer Engineering, January – June 2005

* Used Turing programming language to design a graphical Battleship game

**WORK EXPERIENCE**

**Community Access Program (CAP) Youth Worker,** Grey Highlands Public Library, Flesherton, Ontario, November 2005 – February 2006

* Maintained computer systems
* Designed and maintained the library website
* Provided computer and internet training, support, and troubleshooting

**General Store Clerk,** Jolley’s Dairy Bar and Video, Flesherton, Ontario, June – September 2004

* Responsibly opened the store in the morning and closed it at night
* Sold a variety of products and rented out videos
* Conducted general maintenance and tidying

**VOLUNTEER EXPERIENCE**

Macphail Elementary School, Flesherton, Ontario, September 2003 – June 2004

* Helped teachers with computer problems and maintenance

#### AWARDS

* 12U Physics Proficiency Award, Grey Highlands Secondary School, Flesherton, Ontario, October 26, 2007
  + Achieved highest mark in Grey Highlands Secondary School in 12U Physics
* 12U Geometry and Discreet Mathematics Proficiency Award, Grey Highlands Secondary School, Flesherton, Ontario, October 26, 2007
  + Gained highest grade in Grey Highlands Secondary School in 12U Geometry and Discreet Mathematics
* Ontario Scholar Certificate, Grey Highlands Secondary School, Flesherton, Ontario, October 26, 2007
  + Earned overall grade average of over 80%
* Certificat d'Immersion Française Extensive, Grey Highlands Secondary School, Flesherton, Ontario, October 26, 2007
  + Pursued French Immersion courses throughout secondary school

**ACTIVITIES & INTERESTS**

**Crew Head,** Grey Highlands Secondary School Sound and Light Crew, Flesherton, Ontario, September 2005 – June 2007

* Programmed light effects and cues

Programming, video games, electronics, technology, guitar, basketball, and tennis.