

Michal Pokrass

mpokrass@uwaterloo.ca | 416-953-1248 | Waterloo, ON

SUMMARY OF QUALIFICATIONS

- Excellent teamwork and communication skills
- Knowledge of fundamental computer science concepts and their applications in Java and Racket, developed through computer science courses and personal projects
- Quick learner, able to take initiative to supplement learning on own time
- Diligent at following directions and procedures
- Excellent organizational and time management skills

COMPUTER SKILLS

- Programming languages: proficient in Java and Racket, currently learning C
- Application Software: Word, Excel, PowerPoint, Dreamweaver
- Some experience developing Android applications

EDUCATION

- **Candidate for Bachelor of Computer Science**, Co-operative Program, University of Waterloo, Waterloo, ON, (Sept. 2013 - present)

Relevant Assignment:

Polyomino Puzzle Solver, Designing Functional Programs, (Sept. - Dec. 2013)

- Created an algorithm for solving a Polyomino puzzle board without overlapping the pieces
 - Used functional programming in Racket to implement the algorithm, utilizing mutual recursion
 - Analyzed the resulting program to identify redundancies and increase efficiency
- **Ontario Secondary School Diploma**, Richmond Hill High School, Richmond Hill, ON, (June 2013)
 - Received honours for academic excellence, attaining a 95% average in grade 12
 - Received subject awards for top class ranking in Computer Engineering and Computer Science

Relevant Assignments:

Android Application, Grade 12 Computer Science, (Feb. - June. 2013)

- Created an Android application with a partner, utilizing a device's accelerometer to create a game with a rolling ball on screen with a set of levels and obstacles
- Used a detailed work log, and provided documentation to ensure teamwork and accountability

- Underwent a user testing and refinement process to polish the application
- Learned the required content independently as android programming was not part of the course

Freecell Game, Grade 12 Computer Science, (Feb. - June. 2013)

- Created a standalone desktop solitaire game using Java
- Utilized console display and fluid graphics for clicking and dragging cards
- Developed an auto-complete function to automatically move certain cards to the foundations
- Implemented error checking to ensure only legal moves were made

WORK EXPERIENCE

- **Sales Attendant, Canada's Wonderland, Vaughan, On, (May - August 2013)**
 - Provided an outstanding customer service experience to customers
 - Sold tickets for park entry and parking; handled cash, credit, and debit payments
 - Worked under a very fast-paced and high pressure environment
 - Worked together with other employees in a co-operative team environment

AWARDS

- University of Waterloo President's Scholarship of Distinction
- UW Alumni @ Microsoft Entrance Scholarship in Mathematics
- RBC Scholarship for Children of Employees

ACTIVITIES & INTERESTS

- **Karate Canada, National Karate Team Member (2011 - present)**
 - Team member representing Canada in international Pan-American championships in Brazil, and Mexico,
 - Represented Canada at the World Goju Ryu Karate Championships in Portugal, earning a bronze medal
- **Karate Ontario, Provincial Karate Team Member (2010 - present)**
 - Team member representing Ontario in national championships, earning a top 3 finish nationwide every year
- **Richmond Hill High School, Richmond Hill, ON**
 - Computer Science Club Team Member (2011 - 2013)
 - Math Club Team Member (2011 - 2013)