DANIEL HOPPER

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OBJECTIVE

With an eager mindset and a true passion for the craft, I wish to apply both the technical and theoretical knowledge of Computer Science that I have gained from my first 3 terms at UW, along with my creative drive/ability, to a position where I can create, learn, and thrive in the surrounding culture.

EDUCATION

B.CS., Honours Computer Science, Management Studies Minor
University of Waterloo, Waterloo, ON
Program started: September, 2013

SUMMARY OF QUALIFICATIONS

Successfully completed courses building fluency in Racket and C
Familiar with Linux (Ubuntu), working knowledge of using bash and writing scripts
Actively learning C++ in class, and HTML/CSS/JavaScript out of class
Knowledge of Java, started in highschool and developed through side projects
Experience with small group version control using Git bash
Knowledge and active use of Abstract Data Types
Skills in these areas developed through reading, practice, assignments

WORK EXPERIENCE

UW Athletics, Waterloo, ON
Front Desk   Sept. 2013 - Jan. 2014

Managed front desk operations at UW athletic facilities. Using eqipment rental/booking management software, working under busy time sensitive scenarios, customer service, closing procedures.

Global Marketing Inc., Mississauga, ON
Sales Representative   July 2012 - Sept. 2012

Door-to-door promotion and sales of various newspaper subscriptions. Interacted with hundreds of people per day, communication and sales skills, individual work, responsibilty for own sales and customers.

ASSIGNMENTS AND PROJECTS

CS135 Fall 2013 Polyomino Assignment (Racket)
    Developed, using knowledge of graphs, a 'neighbours' function used to solve a puzze of fitting various sized polyominoes onto a fixed grid.

hackWaterloo hackathon project: waterLOOKup (Java)
    Developed from scratch a simple application that uses the UW API to find the closest possible room on campus that is free for a given amount of time. Use of GPS location, plans to extend to HTML5 web app.

Side project: ILLOGICAL (HTML/CSS/JavaScript) [W.I.P.]
    Simple browser game that acts as a teaching tool for basic propositional logic. Inspired by material currently being learned in CS245: Logic and Computation

AWARDS AND SCHOLARSHIPS

University of Waterloo
  • President's Scholarship (90+ admission average)

Our Lady of Mount Carmel Secondary School
  • Graduating Class Salutatorian
  • Dramatic Arts Academic Achievement/Performance Award