DANIEL HOPPER

Contact Information

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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

2A Honours Computer Science, Management Studies Minor
University of Waterloo, Waterloo, ON
Student ID: 20524307

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 HTML5/CSS3/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 equipment 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 50+ people per day, communication and sales skills, individual work, responsibilty for own sales and customers.

ASSIGNMENTS AND PROJECTS

CS135 : Designing Function Programs Fall 2013 Polyomino Assignment (Racket)
Developed, using knowledge of graphs, a 'neighbours' function used to solve a puzzle 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 cross-platform mobile HTML5 web app.

ACTIVITIES AND INTERESTS

Photography
Member of the UW Photo Club since Sept. 2013, work available on 500px.

Dramatic Arts
Involved in theatre community in and out of school, most recent performance in June 2013

Student Council
Grade representative in Student Council from 2011-2013, and Social Convenor in senior year. Responsible for event planning, promotion, and MC'ing large events for the entire school.

AWARDS AND SCHOLARSHIPS

University of Waterloo
- President's Scholarship (90+ admission average), May 2013

Our Lady of Mount Carmel Secondary School
- Graduating Class Salutatorian, June 2013
- Dramatic Arts Academic Achievement/Performance Award, June 2013