

Renchen Sun

#3004 J.R Finn, 290 Westmount Road North Waterloo, ON N2L 3G3

Cell Phone: 519 - 591 - 9660

Email: r26sun@uwaterloo.ca Website: csclub.uwaterloo.ca/~r26sun LinkedIn: <http://www.linkedin.com/in/renchensun>

JUNIOR PROGRAMMER

Composing extensive knowledge of C++ & DBMS with a strong foundation of computer science

SUMMARY

- Excellent academic performance with 3.92/4.00 GPA
- Strong programming skills in C, C++ with ten projects on [Github](#)
- Exposure to Android Development, Java, Bash
- Experience in object oriented software development
- Familiarity with Linux/Unix platform
- In-depth knowledge of Database Management System (Oracle 11g, IBM DB2)
- Sound understanding of data structures, algorithm
- Proven quick and passionate learner, eager to face challenges and improve skills

EDUCATION

University of Waterloo

Candidate for Bachelor of Geomatics with Computer Science Minor ---- 2012- 2014 (Expected)

Grade: 3.92 out of 4.00 GPA (A- standing)

- Dean's Honor List (Received on May 2013)

China University of Geosciences (WUHAN)

Candidate for Bachelor of Computer Science ---- 2010 - 2014 (Expected)

Grade: 91% Accumulative (A standing)

- National Scholarship (Top 1%) (Received on December 2011)

PROJECTS

The Game of Quadris - C++ video game

- 3000 lines of code
- Developed under Linux platform using X windows
- Five design patterns applied (Observer, Singleton, Decorator, Factory, Template)
- UML, Use Case Diagram, Data Flow Diagram used for modelling system

Digital Camera Purchasing System - Database

- Analyze and develop the DB system form stretch
- Model entity relationships using Enhanced ERD and Oracle Data Modeler
- Use SQL for querying information using Oracle SQL Developer

WORK EXPERIENCE

Data structure Teaching Assistant, China University of Geosciences

June 2012 – July 2012 (2 months) | Wuhan, Hubei, China

- Assist Professor on marking students' assignments, final projects
- Aided students in understanding various data structures and algorithms