Wang Danliang

3B Computer Science with Business Option| University of Waterloo ID# 20642580

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SUMMARY OF QUALIFICATIONS

- Solid knowledge of C/C++/Scheme/Matlab through rigorous training from university coursework
- Frontend Frameworks: AngularJS, Bootstrap
- Web technologies: RESTful, JSON, XML, Postman, SoapUI
- Scripting experience: Unix Shell scripts, JavaScript
- Familiarity with version control systems. (Git)
- Experience with multiple IDEs. (Visual Studio, Eclipse, Android Studio)
- Enthusiasm for solving difficult problems

WORK EXPERIENCE

Software Integration and Development, Ericsson, Mississauga, Sep, 2016 – Dec, 2016
- Created a Web App to parse certain REST requests with AngularJS and Bootstrap
- Customized a JavaScript rule engine to generate relationships among XML files
- Implemented a direct graph data structure with JavaScript used in a dependency graph Web App

Engineering Coop Student, City of Edmonton, Edmonton, AB, May, 2014 – Dec, 2014
- Designed for open channel, tunnel ventilation and open cuts with MicroStation
- Conducted many site visits for measurements and investigations

PROJECTS

Relevant Assignments or Projects:
- *Chess*, Object-Oriented Software Development, Jun, 2016 – July, 2016
- Utilized multiple C++ STL (vector, map) to store and manipulate data
- Adopted good OOP design with MVC in mind
- Used shared pointers throughout the project as the memory management strategy
- Used Visual Studio debugging tools to debug the program and achieved high robustness

Hackathon Projects:
- *RateMyLife*, Finhacks held by Cisco and TD, Nov 18 - 20, 2016
- Worked as a team to create an iOS app and a Web App to monitor user data and calculate insurance scores
- Used a food recognition API to identify food and assess diet healthiness based on the response
- Became one of Top 10 projects of the hackathon

EDUCATION

Candidate for Bachelor of Computer Science, Honours, Business Option,
University of Waterloo, Waterloo, Ontario, 2015/09 - present
- Excellent Standing, above 90% average

Relevant Courses:
- Object-Oriented Software Development
- Data Structures and Data Management
- Foundation of Sequential Programs

Awards: Talisman Engineering Undergraduate Scholarship, University of Alberta, Edmonton, AB, 2013