Xianrun (Sheeran) Qu

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EDUCATION

University of Wisconsin – Madison   Expected May 2019
Bachelor of Science degree in Computer Science
GPA: 3.5/4.0; Dean's list (1 Semester)

WORK EXPERIENCE

UW Madison, Smith Group   **Madison, WI**
Student **C#** developer   Sep. 2017 - Present

- Build and consolidate open-source software. Optimized filtering algorithms and increased prediction accuracy by 5%.
- Investigate problems from top to bottom and examine features with unit-testing.
- Design and implement User Interface.
- Code deployment program. Programmed the current installer of Smith Group's software.
- Work in scrum team and get used to working in sprints. For example, learned PowerShell Script within 4 days and implemented digital signing on a cloud server (AppVeyor).

Accenture (China) Co. Ltd.   **Dalian, China**
BPO Automation Intern   Jun. 2017 – Aug. 2017

- Built Robotic Automation Process System. This system decreased required human interaction by 30%.
- Developed with **C#** and Win Form **.net**. Implemented information parsing algorithms and designed 50% of UI.
- Familiarized with Access Database and programed database management class with SQL.
- Assured qualities of codes and commented codes for better understanding.

Thomson Reuters   **Beijing, China**
Technical Intern   Jun. 2016 – Aug. 2016

- Designed and built automatic annual report processing system with Apache Software (NIFI). Submitted the resulting system for testing; extracted over 2000 reports with 100% accuracy. The system was then for using and automatized 90% of work in annual report processing.
- Communicated with different departments and make a track of the needs with Excel.

RELEVENT COURSES

- **Intermediate**: Data Structure (JAVA); Algorithms (Mathematics)
- **Advanced:** Graphic Design (JavaScript); Human-Computer Interaction (UX); Cryptography (Internet Security); Compiler Building (JAVA); Web Development (HTML, JavaScript)
- **Data Science:** Regression Model(R); Statistics Basics (R); Neural Network (C++)

PROJECTS

- **MetaMorpheus (Smith Group) | Contributor**   **C#**
  Bottom-up searching system with object-oriented programming. Practiced code reading ability and got familiar with testing large applications.
- **xrsheeran.github.io | Author**   **Web**
  Personal website built with BootStrap, JQuery and JS.

SKILLS

Proficient: C++; C#; JAVA; JavaScript; R
Intermediate: AngularJS; CSS; HTML5; Node.js; SQL; BootStrap