Xianrun Qu

777 University Ave., Madison, WI 53715
xqu25@wisc.edu | 608-556-1507

COMPUTER SKILLS

Proficient: **C++**; **C#.NET**; **JAVA**; **JavaScript**; **R**; **WPF (XAML)**; **PowerShell**; **Bash**; **Git**
Intermediate: **Python**; **VBA**; **AngularJS**; **CSS**; **HTML**; **Node.js**; **SQL**; **BootStrap**; **XML**; **MS Office**

WORK EXPERIENCE

UW Madison, Smith Group   **Madison, WI**
C# developer   Sep. 2017 – present

- Enhanced usability by implementing tabbed pattern and adding a new responsive layout.
- Maintained codes remotely on GitHub and locally with Git.
- Consolidated backend program and coded unit-testing functions. Optimized filtering algorithms and increased prediction accuracy by 5%. Implemented tests that cover 100% of the existing classes.
- Worked on a scrum team and got used to working through sprints. Managed to finish all required work within the same week and got a raise for excellent performance.
- Actively communicated with colleagues and offered new ideas. Suggested and conveyed others to have continuous integration and software signing.

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

- Built Robotic Automation Process system in C#, which then reduced the amount of human interaction by 30%.
- Developed a database management program for Access (Microsoft) in C# and SQL.
- Programmed PDF scanning system in JAVA. Accurately extracted all Japanese characters from PDF to UTF-8 text.
- Took part in designing coding guidelines and interfaces (C#).

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 kept track of the needs with Excel.

EDUCATION

University of Wisconsin – Madison   Expected May. 2019

Bachelor of Science degree in Computer Science and Mathematics
GPA: 3.559/4.0; Dean's list (2 Semester)

Links

- **Github:**   https://github.com/XRSHEERAN
- **Linkedin:**   https://www.linkedin.com/in/xianrun-qu
- **Website:**   https://xrsheeran.github.io

Other Language

- **Chinese   (Native)**
- **Japanese (JLPT N2)**