Xianrun Qu

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| 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
- Developed and consolidated existing .NET software for data searching and other chemical analysis purposes, with C# and WPF. Mastered designing projects in MVVM pattern and coding with object-oriented language.
- Researched, examined, and migrated a gene visualization software from WinForms to WPF. Consolidated the software with new responsive layout and advanced features like databinding and multi-threading programming.
- Tested and debugged existing projects. Implemented unit-testing functions in Visual studio and actively resolving issues listed on GitHub. Addressed problems in UI, deployment and algorithm optimization.
- Collaborated with others in a scrum team and adapted to working through sprints. Managed to finish all required work on time and continuously contributed new ideas such as continuous integration.

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 labor 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). The system extracted over 2000 reports with 100% accuracy 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