

Xianrun Qu

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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

- Improved existing Windows Form and WPF open-source applications, developed with C#, XAML and numerous NuGet Packages.
- Successfully enhanced usability by implementing multiple-threading programming and advanced features including data binding.
- Consolidated backend algorithms. Optimized filtering algorithms and increased prediction accuracy by 5%.
- Structured MVVM pattern and outlined the View-Model for a WPF graph-drawing project.
- Tested and debugged written codes. Implemented unit-testing functions in Visual studio and actively resolving issues listed on GitHub. Successfully fixed a wide range of problems including UI, deployment and data parsing.
- Collaborated with others in a scrum team and adapted to working through sprints. Managed to handle all required work and got a raise for excellent performance.
- Actively discussed with colleagues and offered new ideas. Contributed to implementation of 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>