Xianrun Qu

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COMPUTER SKILLS

Programming: C; C++; C#; JAVA; JavaScript; Python; R; SQL;
Others: Access; Bootstrap; CSS; Git; HTML; Linux Bash; Power Shell; XAML; XML

WORK EXPERIENCE

UW Madison, Smith Group   **Madison, WI**
C# developer   Sep. 2017 – present
- Developed WPF and WinForms (.NET) software for data searching and other chemical analysis purposes. Used various technologies, from C# to XAML and designed with patterns including MVVM and MDI.
- Independently researched and remodeled a gene-visualization software with 50+ classes from WinForms to WPF. Implemented features such as responsive layout, and multi-threading programming.
- Implemented unit-testing functions in Visual studio and actively investigated issues listed on GitHub. Solved problems in UI, deployment and algorithm optimization.
- Collaborated with others in a scrum team and adapted to working through sprints. Continuously contributed suggestions for new functions such as continuous integration.

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

- Built and designed Robotic Process Automation system in C#. This system automatized over 60 percent existing data-entry process and reduced required man-hours by 30 percent.
- Developed data-parsing and database management program for Access (Microsoft) with C# and SQL.
- Design and programmed front-end user interfaces from scratches. Significantly increased usability by testing with prototype and analyzing feedbacks from potential users.

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

- Fabricated automation pipeline for annual report processing on Apache NIFI platform. This system extracted over 2000 reports with 100 percent accuracy and automatized over 90 percent of the extracting procedures.
- Planned test cases and examined conducted black box testing. Efficiently determined malfunctioning parts from the output and reinforced functionalities of the existing system.

EDUCATION

University of Wisconsin – Madison   Expected May. 2019

Bachelor of Science, 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