Xianrun Qu

xqu25@wisc.edu | 608-556-1507

• EDUCATION

University of Wisconsin – Madison | Madison, WI

B.S. IN Computer Science & Statistics | Expected Dec. 2018

• EXPERIENCE

UW Madison Smith Group, Student C# developer

Sep 2017 – Present | Madison, WI.

- Designing deployment programs including installer and updaters for windows under dot net environment.
- Using GitHub to maintain software versions and update.
- Expecting to take part in Algorithm optimization for searching in database.

Accenture, BPO Automation Internship

June 2017 – August 2017 | Dalian, China

- Design and build a Windows-Form Application that automatically extract and store data.
- Program with C# and experience .NET programming including Console, Windows-Form, and WPF development.
- Work in a team to build up a large project. Communicate and spilled work efficiently with colleagues by frequent discussion and comments in programs. At the same time, learned to use SVN version control.

Thomson Reuters, Technical Internship

June 2016 – August 2016 | Beijing, China

- Design data-processing system on NiFi, an automation tool developed by Apache Software Foundation. The system automatizes the process of information extraction.
- Tested and optimized the built data-processing System on NiFi. The system was then put into service and handled the tremendous amount of annual reports flawlessly.

• RELATIVE COURSES

3 Semesters of JAVA (JAVA Programming, Data Structure, Programming Language Process)
1 Semester of C (Machine Learning)
4 Semesters of Algorithms (Programming Algorithms and Mathematical Analysis)

• RECENT PROJECTS

MetaMorpheus | Contributor (https://github.com/smith-chem-wisc/MetaMorpheus)

C# • Intern Project, Sep 2017 to Present

MetaMorepheus is an open-source project developed by Smith group. Take spectrum file and then analyze and match data with target protein database.

JAVA Based Compiler | Main Developer

JAVA • In-class Project, May 2017

A compiler compiles a made-up language (behaves like C++). It takes input and then built the symbol table for the codes. Meanwhile, this compiler can match and check the validity of input codes.

SKILLS

JAVA (Experienced) • R (Experienced) • C# (Experienced) • C (Intermediate) • JavaScript (Intermediate) • HTML (Intermediate) • CSS3 (Intermediate) • SQL (Basic) • JQuery (Basic)

General: **Web Designing • Regex • Program Designing • Debugging • Algorism Optimization**

GITHUB & WEBSITE

GitHub (Project Codes): http://Github.com/xrsheeran

Web Page (Inclusive Project Description, under construction): http://xrsheeran.github.io