Liuliu Zheng

Software Engineer at Microsoft

Summary

- MS in computer science
- 6+ years experience in data analysis and academic research
- 2+ year experience in Python, Java and C++ and 1 year experience in Javascript and SQL
- Highly motivated to tackle complex problems
- Strong ability to master new skills quickly

Experience

Software Engineer at Microsoft

February 2017 - Present

Software Engineer Intern at Schlumberger

October 2016 - December 2016 (3 months)

   Implemented automated testing of a real-time data acquisition and aggregation application on the cloud in C++

Software Engineer Intern at Schlumberger

May 2016 - August 2016 (4 months)

   Implemented a cloud-based real time data acquisition and aggregation application in Python

Research Assistant at Baylor College of Medicine

June 2010 - August 2015 (5 years 3 months)

   - Researched on understanding how mechanical processes in biological systems are made robust in the face of challenges, like reduced gene dosage or maternal fever.
   - Identified a novel mechanism to promote biological robustness via actin cytoskeleton.
   - Processed and analyzed high volume of data and images with MATLAB, Excel, ImageJ and Photoshop.
   - Collaborated with computational biologists to perform quantitative analysis at the single molecule level.

Education

Rice University

Master's degree, Computer Science, 2015 - 2016

Baylor College of Medicine

Doctor of Philosophy (Ph.D.), Biochemistry and Molecular Biology, 2009 - 2015

Nankai University
Bachelor of Science (B.S.), Biotechnology, 2005 - 2009

Honors and Awards

All-star Student Award, The Excellent Student Leader Award, The Verna and Marrs McLean Academic Achievement Award, American Society for Cell Biology (ASCB) Grad Travel Award, Graduate Student Symposium First Place Poster Award, First Place in Two Minute Talk Competition for Lay People, Society for Developmental Biology (SDB) Travel Awards

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Contact Liuliu on LinkedIn