

CURRICULUM VITAE

Name: Mengyuan Zhu

Date of Birth: 1990-05-24

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Education:

Averaged GPA in GSU Computer Science Courses: 4.15/4.30

Experiences

1. No.1 in the National Olympiad in Informatics in Provinces (NOIP), 2007, Zaozhuang, China
Annual algorithms competition in Pascal language. My score (total is 100) is 30 points higher than No. 2. I was one of the two people representing Zaozhuang city for the province competition.
2. Website initiator, full-stack developer in School of Pharmacy, Shandong University, Jinan, China, 2009
I developed everything including the user interface, network, data modeling, etc for the Student Union of School of Pharmacy, Shandong University.
3. Microsoft Office plugin developer, People's Bank of China, Zaozhuang, China, 2010
According to the custom's need, a VBA plugin was developed and employed for PBC internal use.
4. System administrator of Work-study program in School of Pharmacy, Shandong University, Jinan, China, 2010
The administrator for many servers.
5. Chemistry related software developer, GSU, Atlanta, GA, USA, 2013 – 2016
I developed a series of software for chemistry lab use, including virtual screening, molecule property prediction and automation. Many technologies were used including machine learning, OpenGL and network.
6. Cluster/GPU platform developer, GSU, Atlanta, GA, USA, 2014-2016
Help IS&T people to assemble hardware, compile programs, test and performance evaluation.

Skills

1. Programming language: Python (extensive hands-on experiences); C, Java (proficient); Matlab, R, Bash, Basic/Visual Basic, Pascal/Delphi (familiar)
2. Web programming: HTML, CSS/Bootstrap, JavaScript/jQuery, PHP/Laravel (proficient),
3. Database: SQL/MySQL (proficient)
4. GUI software development: Qt/C++ (proficient)
5. Platform: Windows, Linux and Mac
6. Mobile development: C#/XAML (proficient); Swift (familiar)
7. Parallel programming: MPI, CUDA and OpenMP (familiar)

Honor, Awards and Recognitions

1. XSEDE Student Campus Champion (2015 - present)
2. XSEDE 15 Travel Grant, St. Louis, MO, July 26th – 30th (2015)

Presentations at Conferences

1. XSEDE 15, July 26th – 30th 2015, St. Louis, MO, USA. (Poster)

Professional Membership

1. American Association for the Advancement of Sciences
2. Institute of Electrical and Electronics Engineers Student Member
3. Association for Computing Machinery Student Member