

Providing Excellence in Process Automation

PIGLER AUTOMATION, LLC



ANNIE ZHANG

Bachelor Degree in Chemical and Biological Engineering
Minors in Biomedical Engineering and Biology
Graduated from Colorado School of Mines, Golden CO
Process Control Engineer with Pigler Automation, LLC, since May 2019

Email: Annie.Zhang@PiglerAutomation.com

Curriculum Vitae Annie Zhang

Professional Experience:

Process control Engineer, Pigler Automation, LLC:

- Perform Siemens PCS7 and TIA Portal software upgrades
- Troubleshoot software and hardware issues
- Program in ladder logic in Siemens TIA Portal

Senior Design Project – Scale Up of Protein Purification Process

- Design process to produce 100 kg of MMP-1 annually using batch processes.
- Proposed base case design and alternatives using large-scale E. coli growth and separation processes to produce active, pure MMP-1 ready for sale at a competitive price.

Skills:

SolidWorks Certified, Polymath, COMSOL, Visio, Aspen Plus, MS Word, Excel, & PowerPoint
Conversational French and Mandarin