ALEX (JI ZHUO) YANG

71 Raffaele Drive •Waltham, Massachusetts, 02452 • 781-600-5207 • ayang.tims@gmail.com

PROFESSIONAL PROFILE

Self-motivated Automation Engineer with over three years of experience providing technical insight in alignment with complex project objectives. Brings a proven track record of success in designing and implementing automation solutions, using expertise in a plethora of tools and processes. Employs proficiencies in problem-solving to sustain operational integrity by providing discerning technical support. Highly experienced in utilizing clear communication to effectively collaborate with colleagues to achieve challenging deliverables within a timely and efficient manner.

Core Knowledge & Strengths

Troubleshooting	Automation Engineering	Interpersonal Skills
Problem Solving	Control Logic Design	Organization & Prioritization
Analytical Skills	HMI Programming	Self-Motivation
Technical Support	Website Programming	Collaboration & Teamwork
Process Improvements	Electronics	Oral & Written Communication

Technical Proficiencies

Automation Software & Technologies: Emerson DeltaV (DCS • SIS • AMS) • OSISoft PI • Rockwell (PLC RSLogix • FactoryTalkView) • Honeywell Enterprise Building Integrator (EMS System) • KEPServer EX OPC • Matrikon OPC • VMWare Virtual machine • FOUNDATION fieldbus • DeivceNet • HART

Computer Skills: Microsoft Office Suite (Word • Excel • PowerPoint • Access • Outlook • Skype Business)

Programming Languages: Swift, Python, C#, HTML, CSS, JavaScript, Java, and Visual Basic etc.

Professional Experience

Automation Engineer
Feb 2018 – Present

AZTEC TECHNOLOGIES • Lawrence, Massachusetts (Framingham, MA)

- Staff augmentation at Sanofi Genzyme in Framingham MA.
- Exercised good design practices to develop and implement reusable, concise, modular control logic code.
- Designed and modified HMI graphics.
- Assumed ownership of projects and changes in the production system.
- Troubleshot abnormal events using trend data, records, control logic literacy and problem solving skills.
- Employed a variety of technologies in day to day operation support including, but not limited to Emerson DeltaV, Osisoft PI, Rockwell RSLogix 5000.
- Coordinated projects planning and execution.

Automation Engineer
Aug 2015 – Feb 2016

PROCESS AUTOMATION SOLUTIONS • Montreal, Quebec

- Configured and implemented automation projects using FactoryTalkView SCADA and RSLogix PLC
- Employed attention to detail when efficiently and accurately assisting in the modification of the database items
- Prepared necessary documentation to support project lifecycle, sustaining alignment with evolving deliverables
- Used communication skills to collaborate with colleagues while identifying project requirements / developments

DCS Application Specialist
May 2013 – Feb 2015

NEXEN ENERGY • Anzac, Alberta

- Carried out control logic modifications through change management process, primarily in DeltaV DCS and SIS
- Sustained project progress by providing technical support to daily operations, commissioning, and start up
- Provided on call technical support to operations and maintenance personnel, resolving issues in a timely manner
- Resolved technical issues through troubleshooting in control logic as well as within third party applications
- Collaborated with engineering staff to identify technical issues and answer questions pertaining to control logic
- Played an integral role in executing migration to the simulation system for the operator training system (OTS)
- Completed daily troubleshooting of instrumentation issues using Asset Management System (DeltaV AMS)

Education & Professional Development

Bachelor of Engineering, Chemical; Minor in Management
2007 - 2012

McGill University • Montreal, Quebec

DeltaV Implementation I Course
2013

Emerson Process Management

Interests

Programming: mobile apps, games, website, artificial intelligence applications	Electronics/Automation Control: microcontrollers, integrated chips programming