ADAM PIERCE

SKILLS   JavaScript, Node.js, React.js, Redux.js, PostgreSQL, HTML, CSS, Git, DeltaV

WORK HISTORY

AUTOMATION ENGINEER, ZENITH TECHNOLOGIES [2015 – 2018]
Projects:

GENENTECH, INC. – PURIFICATION SUITE 2 [MAR '15 – 2018]

- Worked as a part of site automation team to oversee project team's software design and creation for new purification system (large scale ~$300M project).
- After software design and implementation was complete, worked as a part of the project team to complete software installation and commissioning, fixing any bugs in the process.

AUTOMATION ENGINEER, R. E. MASON COMPANY [2011 - 2015]
Projects:

BIOGEN IDEC – MEDIA PREP DEBOTTLENECK [NOV '14 – MAR '15]

- Automation software technical lead for the debottlenecking of the Media Prep system software.
- Designed and implemented updated, more flexible software to allow higher throughput from the Media Prep system.

MALLINCKRODT PHARMACEUTICALS [AUG '14 – NOV '14]

- Automation software technical lead for the creation and installation of automation for new Mott Filter system.
- Designed and created the new software, lead factory acceptance testing.
- Oversaw software control system installation and implementation during factory start-up.

BIOGEN IDEC [JAN '12 – JUL '14]

- Supported the scoping and execution of automation projects for new product functionality within a live S88 cGMP facility.
- Maintained automation software with manufacturing improvement projects in both upstream and downstream environments, including working on CIP, SIP, pressure test, and process logic for various equipment including

bioreactors, prep tanks, chromatography skids, centrifuges, and ultrafiltration skids.
- Created documentation and testing protocols for previously stated projects.
- Handled day-shift automation on-call phone, working with manufacturing associates and process engineers to solve automation problems originating at the manufacturing floor.
- Assisted in maintaining plant hardware, including ThinClient HMI's, development system servers.

GRIFOLS [AUG '11 – DEC '11]

- Worked as a part of the automation project team to create new software for the new Clayton facility, create testing protocols and design documents, and support Factory Acceptance Testing of the new software.

WEYERHAEUSER [JAN '11 – AUG '11]

- Supported design and creation of DeltaV software in a Provox-to-DeltaV migration, including control module and I/O design and implementation.
- Supported software FAT.
- Provided on-site support for installation and implementation of software during plant shutdown.

EDUCATION **PROFESSIONAL EDUCATION**

--React - The Complete Guide (incl Hooks, React Router, Redux)

--The Complete Web Developer in 2019: Zero to Mastery

--Emerson certification for DeltaV Systems Batch Implementation

--Emerson certification for DeltaV Continuous Process Implementation

N.C. STATE UNIVERSITY

B.S Chemical Engineering, GPA: 3.67