

ADAM PIERCE

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

WORK HISTORY **AUTOMATION SOFTWARE ENGINEER, ZENITH TECHNOLOGIES** [2015 – 2018]

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

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

- Software technical lead for multiple projects: debottlenecking of the Media Prep system software and new Mott Filter software - both front-end UI and back-end database work.
- Designed and implemented updated, more flexible software to allow higher throughput from the Media Prep system.
- Generated documentation and unit testing protocols for previously stated projects.
- Handled software support on-call phone, working with cross-functional teams to solve software bugs / user generated errors originating at the manufacturing floor.
- Assisted in maintaining plant hardware, including ThinClient HMI's, dev system servers.

PERSONAL PROJECTS **BURGER CREATOR**

- Fast, responsive React/Redux app with router that is connected to Google Firebase's No SQL real-time database to store orders and customer data. Uses React Hooks.

FACIAL RECOGNITION API

- React/Redux front-end that communicates with Clarifai API to detect faces in photos. Front-end is connected to a Node.js/Express back-end with a Heroku-hosted PostgreSQL database for storing customer data, including login information.

ROBOFRIENDS

- React/Redux app that connects to json placeholder API to display a database of users in a searchable, responsive manner.

EDUCATION **PROFESSIONAL EDUCATION**

- React - The Complete Guide (including 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