Alex Marten
Web Developer

CONTACT

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EDUCATION

University of California, Davis
B.S Chemical Engineering 06/19

FRONT-END EXPERIENCE

- HTML
- CSS
- JavaScript
- JQuery
- React
- Bootstrap

BACK-END EXPERIENCE

- APIs
- Node.js
- Express,js
- MySQL
- Sequelize
- NoSQL, MongoDB

WORK EXPERIENCE

AUTOMATION SUSTAINING ENGINEER II • ZYMERGEN • 07/21 – PRESENT

- Created a process for Automation Project Requests from lab users for to request new hardware or software tools for the Automation fleet.
- Trained various lab users on operation of lab equipment
- Participated and facilitated the moves of labs and their associated Automation equipment.
- Wrote various liquid handling scripts for Bravo, Tecan Fluent, and Tecan EVO instruments.
- Worked on software projects to improve data collection around Automation instrument runs.

AUTOMATION SUSTAINING ENGINEER I • ZYMERGEN • 07/20 – 07/21

- Train new hires and technicians on how to use and troubleshoot Automation equipment.
- Manage and work on multiple projects simultaneously, including APRs, TRPs, and complex tickets.
- Improve currently deployed Automation processes given user feedback and personal experiences.
- Hands on experience troubleshooting and developing Automation equipment.
- Assist with transition of the support of the AMBR 250 systems from Fermentation Engineering to Automation Sustain, helping bridge the gap between Fermentation and Automation.
- Create and review automation change control documentation.

ASSOCIATE AUTOMATION SUSTAINING ENGINEER • ZYMERGEN • 08/19-07/20

- Provide support for Zymergen's Emeryville fleet of Automation equipment by implementing a root cause analysis approach to issues.
- Develop and improve SOPs for Automation Sustain.
- Collaborate with multiple teams in order to find solutions for more complex issues.
- Manage communication with the labs and notify them of equipment downtime or other issues that may affect lab users.
- Perform routine scheduled maintenance on equipment.
- Maintain a "customer first" focus.