

CONTACT

alexdmarten@gmail.com
(916) 303-6073
www.linkedin.com/in/admarten
https://github.com/alex-d-marten
Portfolio: https://bit.ly/3L8lchT

EDUCATION

University of California, Davis
B.S Chemical Engineering 06/19
UC Berkeley Extension
Coding Boot Camp 04/22

CODING LANGUAGES

- HTML
- CSS
- JavaScript
- Python
- PowerShell
- SQL
- NoSQL (MongoDB)
- GraphQL

LIBRARIES AND FRAMEWORKS

- JQuery
- Node.js
- Express
- React
- Sequelize

TOOLS AND PLATFORMS

- Git
- Heroku
- APIs
- Windows 7/10/11
- Mac OS X

Alex Marten

Support Software Engineer

ABOUT ME

Successful Automation Engineer with 3 years of experience in the biotech industry. Currently seeking a career change into the Software Engineering field. Motivated leader and problem-solver willing to do what it takes to ensure the customer has an enjoyable experience.

WORK EXPERIENCE

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

- Created a process for Automation Project Requests from lab users to request new hardware or software tools for the Automation fleet.
- Trained various new lab users on the operation of lab equipment, including how to use the software and safely interact with the instrument.
- Translated manual processes to automated processes by writing various liquid handling scripts for Agilent Bravo, Tecan Fluent, and Tecan EVO instruments.
- Worked on software projects to improve data collection around Automation instruments.
- Worked on a Windows data uploader in python for the Boston labs that parses plate reader output files and uploads the result to LIMS.

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

- Mentored new hires and technicians on how to use and troubleshoot Automation equipment.
- Coordinated and completed multiple projects simultaneously, including user requests, internal projects, and complex tickets.
- Improved currently deployed Automation processes informed by user feedback and personal experiences.
- Managed transitioning the support of the AMBR 250 systems from Fermentation Engineering to Automation Sustain.
- Created and reviewed automation change control documentation.

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

- Provided support for Zymergen's Emeryville and Boston fleet of Automation equipment by implementing a root cause analysis approach to issues and performing routine maintenance.
- Developed and improved standard operating procedures for Automation Sustain, improving equipment maintenance and efficiency.
- Managed communication with the labs and notified them of equipment downtime or other issues that may affect lab users.
- Maintained a "customer first" focus by responding to tickets with automation equipment and software, providing solutions in a timely manner.