

DENNIS AMPARO

DennisAmparo11@gmail.com • (928) 315-2615
7501 E Garfield St • Scottsdale, AZ 85257

Diligent and perseverant professional seeking a challenging fulltime position to apply skills and knowledge

EDUCATION

Arizona State University, Ira A. Fulton Schools of Engineering, Tempe, AZ

- Bachelor of Science in Chemical Engineering
- Certificate in Full Stack development

WORK EXPERIENCE

Intel, Process Engineer

Aug. 2018 – Apr. 2019

- Sustained and supported tools in production by analyzing quality results and taking appropriate corrective action
- Conducted queries in an efficient manner for time sensitive information needed for tool improvement
- Investigated and troubleshooted root cause elements to ensure product and process safety
 - Projects: Critical parts replacement
 - Managed and created plan to implement critical replacement parts for series of tools while avoiding disruption to production process
 - Established communication between teams of technicians across various shifts
 - Monitored tool quality over 1-month span with positive production quality results

Microblend, Lab Technician

Dec. 2017 – Aug. 2018

- Performed analysis of paint formulas that required understanding of chemistry, product lines, and materials
- Assisted with determining quality standards for evaluating, and selecting materials for tests and production
- Developed reports and documents detailing tests, projects, and overall results to support the product development, quality control, manufacturing processes, and other operations

Advanced Circuits, Lab Technician

Jun. 2017 – Dec. 2017

- Tested and analyzed process water for the electroplating of printed circuit boards using wet chemistry methods such as titrations, as well as spectrophotometers and atomic absorption tools
- Handled chemical additions to process water to maintain proper concentrations of chemical baths
- Knowledgeable and comfortable working with caustic and corrosive chemicals by implementing appropriate PPE

Nalco Water, Intern

Feb. 2016 – Oct. 2016

- Troubleshooted software and equipment problems for corrosive data monitors and controller sensors
- Collected and tested water samples to ensure proper water treatment chemicals levels
- Ensured proper GHS labeling of chemical tanks within two Nalco sites to adhere to safety guidelines
 - Projects: Schedule for Equipment Maintenance
 - Created schedule of equipment calibration and parts replacement for two Nalco sites
 - Coordinated with technicians to ensure schedule was user friendly and adaptable per work site
 - Schedule resulted in better record keeping and improved daily work functions

SKILLS

- Experience with Front End - HTML, CSS, JS
- Experience with Back End – MySQL, Mongo, React, MERN development
- Strong verbal communication skills
- Bilingual: proficient in written and spoken Spanish