

Aric Kraft

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TECHNICAL SKILLS

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|----------------|---------------------|------------------------|
| • HTML | • Node.js | • Agile & DevOps |
| • CSS | • RPC/Rest | • Statistical Analysis |
| • Javascript | • Java/XML | • Data Visualization |
| • Python | • BPM/DMN Modelling | • Web Development |
| • SQL/SQLite | • NetSuite | • Microsoft Products |
| • Flask/Django | • Azure | • GraphPad Prism |

PROFESSIONAL EXPERIENCE

Sable Systems International

Las Vegas, NV

Biomedical Engineer & Data Analyst Specialist

06/2022 – Present

- Developed an application utilizing Electron framework to aggregate multiple sources of information, improve accessibility, and streamline production and quality troubleshooting
- Executed authenticated calls using Python to generate XML files and parse case information into workable data frames used for internal analytics
- Designed an analytical tool using Dash framework to upload data files and perform real-time data analysis and visualization
- Identified gaps in shipping/production and implemented online forms to automate procedures, shortening lead times by 20%
- Refined documentation to implement procedures that improved effectiveness of remote product training, resulting in a 30% profit increase
- Collaborated with product managers to architect a Camunda application implementing BPMN and DMN models to improve productivity via automation and eliminate lapses in communication across multiple functions
- Utilized Azure to work alongside data scientists to test macro scripts and ensure all bugs were ticketed, escalating issues as required
- Liaised with other departments to discuss customer needs and identify potential new sales opportunities
- Provided support for North American customers through field installation, product training, and troubleshooting

University of Nevada, Las Vegas

Las Vegas, NV

Professional Research Assistant

12/2020 – 06/2022

- Investigated the effects of microgravity on mammary stem cells and their ability to differentiate and form proper 3D structures
- Investigated the effects of circadian rhythm disruption, as well as space travel related stressors (microgravity and radiation), on cardiac and skeletal muscle health
- Designed, developed, and optimized experiment protocols for our research needs
- Demonstrated expertise in aseptic technique to setup and maintain tissue cultures for multi-week experiments
- Calibrated and performed preventative maintenance on highly sensitive laboratory equipment
- Developed an application using Flask framework to maintain a cell line bank with over 100,000 samples. Utilized database structure to organize and track reagents, solutions, and cell media components to improve efficiency and decrease downtime

Melissa's World Variety Produce

Las Vegas, NV

Marketing Specialist

01/2018 – 06/2022

- Collaborated with management and utilized demographic tools to create concise presentations and weekly newsletter content that provided a detailed market landscape
- Utilized store demos to showcase product, educate customers on promotional items, and build and foster new relationships with management
- Created positive relationships with employees at the store level to improve the productivity of our relationship and receive feedback I used to improve customer satisfaction

University of Nevada, Las Vegas

Las Vegas, NV

Independent Researcher

05/2018 – 12/2018

- Awarded funding by Nevada's Idea Network of Biomedical Research Excellence (INBRE) for my grant proposal to investigate the role of 20-hydroxyecdysone signaling in *Drosophila melanogaster* (fruit flies)
- Created an experimental plan of action that included multiple trials and took place over the course of 12-weeks
- Established and organized a schedule to coordinate every step of the project with all five members of the research group
- Recorded experiments and used this data to prepare tables, graphs, and written reports to summarize findings
- Created and presented a scientific poster at the annual INBRE statewide meeting at the University of Nevada, Reno

EDUCATION

University of Nevada, Las Vegas, B.S. Biology, A.A. Psychology

Class of 2018