

ACADEMICS

<p>Bachelor of Science in Computer Science Clayton State University Morrow, GA General Concentration: (Machine Learning, Software Engineering, Software Test QA) December 9th, 2023</p>	<p>Associate of Applied Science in Information Technology Clayton State University Morrow, GA December 7th, 2019</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------

SKILLS & TOOLS

- Java, JavaScript, TypeScript, PHP, CSS, HTML, Python, Unix/Linux shell, PowerShell, DOS, Prolog, C#, SQL, Kotlin, SASS
- Docker, Kubernetes, GCP, Android Studio, Wire Shark, CSysdig, Git, Selenium, Cypress, Chocolatey, Qemu, Hyper-V, Hibernate, JPA, Apache, Nginx, Spring Boot, NodeJS, ExpressJS, Visual Paradigm, Putty, MS Office Pro, MS Visio Pro, AutoCAD, VS code, Eclipse, NetBeans, IntelliJ IDEA, Apache Cordova, Vector DB, Milvus, React
- Design Patterns, SDLC methodologies, MVC Framework, MERN Framework, Full-Stack Development, REST API, SEO practices & analytics, Agile, Scrum, Software Testing & QA methodologies, Unit testing, Machine Learning, X509 Authentication and Https Transport Protocol, OOP principles and methodologies, SOA, Test-Driven Development, Web Application Development, Object Relational Modeling, Network Diagnostics Practices, Project Management, SOW Generation, Dev Ops Implementation for K8S, Google Cloud Engine and bare metal infrastructure

REPOSITORIES:

- Multiplatform React Application Demo
 - <https://github.com/dellius-alexander/Cordova-React-App.git>
- Vector Database Domain Search Engine Bot
 - <https://github.com/dellius-alexander/Vector-DB-SearchBot.git>
- Continuous Integration Continuous Delivery (CICD) Pipeline
 - <https://github.com/dellius-alexander/Testing-Strategy.git>
- Hardy-Weinberg Equilibrium
 - <https://github.com/dellius-alexander/Hardy-Weinberg.git>
- Modular AI Driven Search Pipeline
 - <https://github.com/dellius-alexander/Smart-Search.git>

WORK EXPERIENCE

Assistant | Information Technology and Services

Date of Employment: May/2019 – March/2022 Clayton State University. Morrow, GA

- Assist in data management tasks, including data entry, data organization, and database maintenance.
- Author SQL reports for various campus constituents.
- Contribute to the development and maintenance of IT documentation, such as user guides, manuals, and knowledge base articles.
- Stay updated with emerging technologies and provide recommendations for improvements or enhancements.
- Supported Dev Team in various tasks and implementations.
- Administered Kubernetes cluster.

Manager

Date of Employment: 9/1/2017 – March/2019 Namco Entertainment Inc. Atlanta, GA

- Accountable for ensuring the efficient handling of store revenues and maintaining a well-balanced change fund.
- Implement comprehensive audit and reporting procedures to safeguard company property and assets.
- Oversee equipment maintenance, repairs, and routine preventive measures to ensure uninterrupted operations.
- Manage the maintenance and upkeep of the physical plant, ensuring an adequate supply of resources for seamless location operations.
- Recruit, train, and develop a competent, knowledgeable, and customer-focused staff.
- Devise and implement daily task guides, team building exercises, and process improvement initiatives to enhance operational efficiency.
- Uphold strict adherence to company policies and procedures, ensuring compliance at all times.
- Cultivate and preserve positive relationships with partners, merchants, local authorities, community organizations, and customers.
- Oversee supply chain management to optimize inventory levels, maintain product quality, and facilitate timely deliveries.

Technical Manager

Date of Employment: 9/1/2016 – 10/1/2017 HYFI Solutions Inc. Atlanta, GA

- Demonstrated expertise in system design, implementation, and programming, ensuring efficient and effective operations within the technology environment.
- Proficient in developing Bills of Materials (BOM) and Bills of Labor (BOL), creating and executing Scope of Work (SOW), and managing subcontractors for seamless project execution.
- Proactively consulted with prospective clients, analyzing their requirements, and presenting suitable system design options aligned with their needs and budget constraints.
- Led end-to-end project management efforts, overseeing SOW development, resource allocation, and successful project execution from inception to closure, ensuring timely project handoff to clients.

- Coordinated with cross-functional teams, including engineering, procurement, and operations, to ensure project timelines, milestones, and deliverables were met.
- Implemented quality control measures by conducting regular audits and inspections to maintain compliance with project specifications and industry standards.
- Developed and maintained strong relationships with clients, fostering trust and ensuring customer satisfaction through effective communication and prompt issue resolution.
- Stayed current with emerging technologies and industry trends, continuously incorporating best practices and innovative solutions into project designs and deliverables.
- Mentored and supported team members, providing guidance, training, and performance feedback to foster professional growth and enhance overall team effectiveness.

Market Manager | Operations

Date of Employment: 6/1/2015 – 9/1/2016

DirecPath LLC & GigaMonster.

Atlanta, GA

Date of Employment: 1/1/2011 – 6/1/2015

DirecPath LLC & GigaMonster.

Dallas, TX

- Dynamic and results-driven professional with extensive experience in managing telecommunications operations, quality control processes, and logistics. Skilled in overseeing comprehensive site inspections, ensuring compliance with industry regulations, and managing large inventories. Adept at mentoring and training technicians to optimize performance and maintain network stability. Proven track record of effectively managing budgets and delivering consistent results. Strong organizational and analytical abilities coupled with excellent communication skills.
- Managed quality control processes, including training, maintenance, and mentoring technicians to ensure adherence to industry standards and improve performance.
- Gathered performance metrics for monthly and yearly reviews, providing valuable insights for network optimization and identifying areas for improvement.
- Maintained telecommunications infrastructure such as IDF Lock Boxes, DirectTV MFH2/D2 Advantage, satellite dish, hardline plant and cabling, fiber plant and cabling, twisted pair plant and cabling, CATV head end and distribution systems, SMATV, DOCSIS networks, and CMTS installations.
- Oversaw and collected metrics for periodic Quality Assurance/Quality Control (QA/QC) distribution network testing and inspections, evaluating network stability and implementing necessary corrective measures.
- Created Scope of Work (SOW) and Bill of Material/Bill of Labor (BOM/BOL) for comprehensive site inspections and repairs, ensuring compliance with NEC code, FCC regulations, and local/federal laws.
- Responsible for documenting site As Builds to reflect plant design and updates, ensuring accurate record-keeping and facilitating effective troubleshooting.
- Managed operation and logistics, including market inventory of 5,000+ parts, tracking technician inventory, and overseeing shipping and receiving of equipment and parts.
- Conducted audits and reconciliation of assets upon contract expiration, ensuring accurate asset management and cost control.
- Effectively managed the inventory budget and submitted quarterly reports to accounting, demonstrating a high level of financial acumen and accountability.
- Utilizing a strategic and proactive approach, consistently maintained a high level of network performance and customer satisfaction while meeting project deadlines and budgetary targets. As a dedicated and detail-oriented Market Manager, consistently ensured adherence to industry best practices and promoted a culture of continuous improvement among team members.
