**Michael Dickerson**

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**Goals:** To obtain a steady career in binder jet 3D printing with many opportunities to learn and grow, while furthering my education as chances arise.

**Education:**

**Level 1 Certified Alarm Technician – 2018**

Certification from the Electronic Security Association (ESA), National Training School

**United States Navy: Electronics Technician A School – 2017**

Completion Certificate and promotion to E4

**Tennessee College of Applied Technology: Residential Electrician – 2016**

Diploma and Certification

**Alcoa High School - 2014**

Diploma with honors

**Key Skills and Attributes:**

* Certified Alarm Technician, State of Tennessee, 2018
* Certified Electronics Technician, US Navy, 2017
* Certified Electrician, State of Tennessee, 2016
* Mastery of maintenance, operation, and troubleshooting of ExOne binder jet systems
* Qualified to run large and small furnaces for sintering, infiltration, and heat treatments
* Organized and professional as demonstrated by serving as lead coordinator for binder jet research operations
* Technical and Analytical skills: Skilled problem solver as demonstrated by 7 years of work in trouble-shooting related fields
* Disciplined: good work ethic, completes assigned tasks, seeks additional responsibility
* Currently hold a “Secret” level security clearance through the Navy

**Work Experience:**

**Assistant Technician in Binder Jet UT-Battelle MDF, Knoxville, TN OCT 22 - Current**

* LSM (lab space manager),PSC (pressure systems custodian), HMMIS Custodian (hazardous inventory system)
* Direct supervisor for all people, experiments, waste practices, and chemicals in lab
* Expected to make progress even in absence of clear instruction from supervisor, resulting in consulting journal papers, colleagues, and science staff at ORNL
* Rotationally leads meetings for peer technicians and LSMs
* Relied upon to investigate and resolve critical errors and damages to lab equipment
* Level of expertise in powder bed, resin, and FFF 3D printing
* Growing experience and leading efforts in melt infiltration experiments with high temperature furnaces
* Design and coordinate binder jet printing experiments daily

**Assistant Technician (Temp) UT-Battelle MDF, Knoxville, TN OCT 21- OCT 22**

* Responsible for maintaining SCOR principles and general safe practices
* Assisted numerous researchers with their projects, construction, and repairs
* Trusted to organize and perform numerous inventories, including HMMIS inventories
* Regularly assist Ops Team, helped restore facility during the shutdown in 2022
* Participant on several RSS’s to assist as many researchers as possible
* Transitioned to binder jet area to serve as lead technician
* Acted as main technician on two projects
* Gained knowledge of plumbing and pneumatic systems

**I&T (Inspection & Test) Technician, Install Helper Gallaher & Assoc. Jan 2020 – July 2021**

* Inspect, test, and install F/A life safety systems
* Frequently work in confined spaces
* Able to work in schools and restricted access areas
* Comprehensively detail extensive reports upon completion of an inspection
* Provided company van, phone, and laptop
* Effectively manage time and resources to complete jobs within time allotted
* Install camera, F/A, access control, intercom, and security systems
* Assist where needed, including: Inventory, helper for service dept, large scale inspections, large scale install jobs outside normal scope of work

**Electronics Technician Petty Officer Second Class (E5) U.S. Navy Reserve Aug 2017 – OCT 23**

* Ongoing naval training in all areas
* Set up training and recognition events
* Navy representative at Military Funerals
* Perform monthly Reservist duties, and additional administrative duties and collaterals
* Perform administrative duties for high visibility inspections
* UPC qualified by Command Security Coordinator
* Assist with security by frequent watchstanding, just shy of 200 hours
* Act as an NCO and direct the efforts of junior sailors
* Annual training in different locations, includes: Ops support, inventory, administrative tasks, ship repairs, (etc.)

**Assistant Manager Saffire Vapor, Alcoa and Knoxville, TN September 2019 – October 2021**

* Manage store inventory system
* Prepare and send daily financial report
* Handle in-store cash and make deposits in company account
* Perform various adjustments to store system and customer accounts
* Trusted to handle difficult situations without need for supervision, such as irate customers or item returns under special circumstances
* Work in a two man crew to manage all store operations
* Perform repairs and troubleshooting on small electrical systems

**Assistant to Installer Clearview Security/Sonitrol, Knoxville, TN December 2017 -September 2019**

* Perform exceptional work, overcoming obstacles and difficult situations
* Work with all installers on a variety of jobs with different environments
* Skilled in the use of power tools and have experience with a wide variety of various tools and hardware, and safe use practices for them
* Use personal ingenuity to solve difficult problems and plan new systems for a variety of locations and building types
* Organize, install, maintain, operate, troubleshoot, and test: fire, security, camera, A/V, and access control systems

**Electronics Technician trainee U.S. Navy Oct 2016 – Aug 2017**

* Nine (9-10) months of focused education in electronic systems
* Comprehensive advanced communications and radar information training
* Operated and repaired Navy communications and radar equipment
* Graduated Navy Basic Training
* Assigned to senior watch position for nearly every watch stood, maintained the deck log, and directed the efforts of fellow watchstanders, nearly 1000 hours logged
* Acted as mentor and advised fellow sailors of regulations and events

**Cashier (all depts.) Lowes, Alcoa, TN June 2015 - May 2016**

* Trusted by managers to work as cashier in multiple departments
* Handle unexpected situations with contractors and customers, including special orders and problems with missing materials
* Relied upon to know store capabilities and services
* Remain alert at all times and actively perform loss prevention procedures

**Department Stocker, Cashier, Courtesy Clerk Food City, Maryville, TN April 2013 - May 2015**

* Responsible for stocking and organizing merchandise
* Excel at customer service and relied on to handle difficult customers
* Commendation and raise during annual evaluation for excellent customer service
* Consistent interaction with others and commended as a team player
* Knowledgeable about store and merchandise
* Customer service, valet grocery bagging, and delivery for store customers