

THOMAS ALLEN BECK

(843) 442-4644

theartdragon1973@outlook.com

<http://artdrago7.wix.com/insanitypnp>

OBJECTIVE

Seeking employment in technical and trades fields, as a service technician or supervisor. Current employment has aligned with prior employment in which process controls, engineering management, and manufacturing and fabrication are primary goals of training for students of the robotics team. Working with mentors that are engineers from Keyport, WA and independent contractors and tradesmen. Maintained a 4-year billet as the NTE (nuclear test equipment) Certification Specialist while at NNPTU-Charleston. Developed CWPs and FWPS even though the US Navy rating would not allow qualifications as a QA Planner.

Additionally seeking employment in middle management/education in the Pacific Northwest that will utilize my abilities as an illustrator, designer, educator, and engineer; the perfect role would be a training specialist that designs and teaches a short- and long-range training curriculum but is not limited to the given tasks.

Currently employed in several aspects of education. The current positions allow for self-management and critical time scheduling on a regular basis. In roles with Central Kitsap School District and through my Western Governors University studies, curriculum and educational research is being approved and developed on a cyclic basis.

Specialized Abilities Acquired Through Experience and Merging Occupational Roles

Calibration Technician:

While working as a nuclear test equipment certification technician, there is a requirement to design equipment and testing procedures from scratch. Certify the equipment for use when using it as a measurement standard, the equipment itself must be calibrated to its most restrictive prime standard for accuracy. As the NTE specialist, I worked with the engineering team at NNPTU on a regular basis to observe and conduct these calibrations for the certification process.

While working as the rigging locker petty officer, there was a requirement to work with civilian contractors to ensure our fall protection and arresting gear while testing to weight tolerances. All rigging equipment that is required to carry a load must be maintained to the most restrictive standards under NAVSEA, NAVFAC, and OSHA requirements.

Quality Assurance Technician / QA Planner:

Since I served in a supervisory role to operate as a specialist in evaluating members of my division and work centers, I qualified as a reactor plant clean inspector / steam plant clean inspector / quality assurance inspector. I requested to continue through the process of qualifying quality assurance supervisor and nuclear planner, but my rate prevented me from acquiring permission for the school. I completed QAI school on the USS Ronald Reagan and oversaw several evolutions as a QAI. While at NNPTU, in my role as a NTE certification technician, I took it upon myself to work with our planners to develop and write formal work packages (FWPs) and controlled work packages (CWPs).

Repair Mechanical/Electrical Technician:

I had the opportunity to attend our Electronics Technician Maintenance School (ETMS) at TTF (Trident Training Facility) in Bangor Subbase, WA (Naval Base Kitsap). This school consists of two halves – precision soldering and inspection per specification standards for component level repair (1st half) and specialized troubleshooting for electronic circuits to component level analysis and repair (2nd half).

I participated in four ORSE (Operational Reactor Safeguards Examinations). During these examinations, as a Reactor Technician, you are observed in leading an electronics technician team in conducting a critical troubleshooting evolution to establish the reactor plant at a safe shutdown status, find an electronic failure and conduct repairs in a time sensitive matter to get the reactor plant back in an operational status for the ship to be mission ready. The epitome of high stress / time sensitive repair situations.

Instructional Designer / CTE (Career and Technical Education) Instructor:

Although it may seem like I walked away from my technician roots when I left the military in 2013, everything I have done since has run parallel to my personal background as a nuclear trained electronics technician. Quickly graduating with a four-year degree in Industrial Design where I used my background in attention to detail, procedure compliance, and electronics knowledge in all possible aspects of my product design journey, I was employed by Olympic College to teach in the Technical Design department. As an Olympic College adjunct professor, I was a contractor for PSNS to teach at the apprenticeship. I taught Technical Drawing and Applied Descriptive Geometry which are two critical classes for understanding the specifications on layout drawings for ships systems, equipment, and piping.

I have since landed in public education after my beloved Alma mater closed due to its corporate entity. As a robotics coach and while certifying as a CTE (career and technical educator), I have taken it upon myself to work with other educators and our robotics mentors (who are engineers from Keyport, WA, independent contractors, and a few machinists – one works for Boeing) in creating curricula and lessons for our high school students to open their eyes to the CTE world. Robotics is one of our subjects that lies in the vein of STEAM (Science / Technology / Engineering / Arts / Mathematics). I rely on my own knowledge to create interesting interactions and develop a variety of things for my students to learn.

Not only do I have to continue to be a self-starter for multiple STEAM endeavors, I have to encourage teenagers to do the same.

EDUCATION

The Art Institute of Seattle – Seattle, WA Bachelor of Science in Industrial Design	June 2016
Western Governors University – Utah (Online) Masters of Education in Instructional Design	May 2022

SKILLS AND SOFTWARE

- Work Process Development, Curriculum / Instructional Design, Technical Writing, Circuit Analysis and Troubleshooting [Traditional / Bench-testing]
- Minor Coding Conflict Resolution, Python, C++, Java, MatLab
- Traditional Illustration, Typography and Layout, Industrial Rendering, Digital Sketching, Branding and Logo Creation, Color Theory, Visual Development
- Adobe CC – Creative Suite, Adobe Captivate, Rhinoceros 5.0, SolidWorks, Microsoft Office, Google Suite

These skills are not all inclusive.

Please refer to my LinkedIn profile to see more skill sets: <https://www.linkedin.com/in/artdragon1973/>

EXPERIENCE

Technical – Electrical / Electronics / Nuclear Power

United States Navy – Enlisted Final Rank – Second Class Petty Officer (E5)	Apr 1999 – Apr 2013
--------------------------------------------------------------------------------------	---------------------

Electrical/Electronics Certification Technician (NNPTU – Charleston)

- Created work packages for repairs and recertification of essential equipment
- Maintained quality assurance on critical equipment
- Controlled and developed work controls for storage and process of exchange

Leading Reactor Control Division Petty Officer (USS Ronald Reagan)

- Generated work party schedules
- Developed maintenance plans and scheduled work processes

Lead Rigging Locker Petty Officer (NNPTU – Charleston)

- Acted as a liaison between civilian and military personnel
- Maintained certification for rigging gear and harnessing equipment (OSHA)

Repair Parts Petty Officer (NNPTU – Charleston)

- Maintained inventory for critical parts
- Developed work processes for storage and delivery of parts

Repair Department Training Petty Officer (NNPTU – Charleston)

- Maintained and revised long-term and short-term training plans for departmental training
- Developed and controlled quarterly training seminars for electrical safety standards

Senior Reactor Control Division Mentor/Supervisor/Instructor (USS Ronald Reagan/NNPTU – Charleston/USS John C. Stennis/USS Carl Vinson)

- Helped maintain training standards and aided in qualifications of junior sailors
- Offered guidance for junior personnel in professional and personal forums
- Provided several teaching aspects to accelerate the learning curve group-wide

Educational

Central Kitsap School District

Head Coach – Robotics team for CKSD

November 2019 – Present

- Facilitate day-to-day meetings and promote growth for scaling the “company” (team)
- Manage the team to ensure transportation for activities and competitions
- Mitigate the interaction between secondary students in CKSD with mentorship from Keyport and small companies in Kitsap county
- Develop a usable structure for the team (<https://sites.google.com/ckschools.org/3223>)

Emergency Guest Teacher - Certificated

December 2019 – Present

- Facilitate the lesson plan for the absent teacher
- Uphold the ideals of the school district by managing a safe learning environment
- Support fellow staff and faculty members in presenting curriculum
- Project a positive work ethic to welcome students into active learning

Classified Substitute – Support Positions

Apr 2019 – Present

- Aide the variety of schools in the Central Kitsap School District in different support positions, including:
 - ISS monitor
 - Paraeducator I/II
 - Office manager, Office clerk
 - Security office, Crossing guard
 - Library clerk, Support secretary
- Assist the faculty and other key staff members to facilitate a good learning environment

Microsoft Philanthropies – TEALS

Volunteer Teaching Assistant

August 2020 – Present

- Guided teaching online in Computer Science
- Aiding in facilitating classroom management for in-class teacher
- Formative assessments to improve the TEALS program and aide in in-class teacher's certification
- Teaching Python / Scratch and SNAP! block-based coding

Tacoma Community College

Adjunct Instructor – Continuing Education

May 2019 – Present

- Build a professional relationship with potential students and promote the Tacoma Community College mission of successful educational improvement
- Facilitate course curriculum to help students achieve their course outcomes
- Support the college in promoting a safe higher learning environment
- Facilitate a welcome environment for an individual to understand

Olympic College

Instruction & Classroom Support Technician – Access Services

Oct 2016 – Oct 2017

- Aid in providing a copious and comfortable learning environment for those with disabilities
- Provide support instruction to facilitate progress as needed

Adjunct Faculty – Technical Design Department

July 2016 – Jan 2018

- Provide instruction in subject matter that has been designated as course material
- Continue to promote the curriculum designed by the administration of Olympic College
- Grade progress and assignments accordingly and provide feedback to students for growth
- Promote education and advancement for individual personal growth

EDMC – The Art Institute of Seattle

June 2014 – June 2016

Tutor/Monitor

- Aided in organizing student thought processes by encouraging multiple study methods

Subjects tutored – Illustration Techniques, Hand Sketching, Rapid Visualization, Trigonometry, Geometry, Calculus, Mechanical Drafting, Model Making, Rhinoceros, SolidWorks, Structures and Mechanisms, Materials and Manufacturing, Electronics, Physics, Chemistry

Design / Management

Insanity-Print and Publish

Dec 2013 – Present

Owner/Illustrator

- Use of perspective and composition to build full panel illustrations
- Character design with turnaround sheets and action poses
- Basic wire frames to show movement and physics of objects
- Freelance commissioned illustration for cover art, maps, posters, brochures, and flyers

Selected Client List:

John Swan – Illustrated World Map, chapter sketches for fantasy novel (all currently published on Amazon)

Tom Sawther – Commissioned Logo Design for Uncle Tom’s Adventures

Danielle Fox – Commissioned Snowboard Print/Design for husband’s snowboard

Keith Hunter – Commissioned Logo/T-Shirt/Banner designs for Dr. Atomix and Newtrino

Cameron Chou – Non-commissioned illustrations for TreeHugger (guitar compressor pedal)

DCEH, LLC – The Art Institute of Seattle

Enrollment Counselor

Sept 2017 – Jan 2019

- Build a relationship with potential students to aid them through the enrollment process
 - Assist the faculty and other key staff members in ensuring the student has an effective transition into student status
 - Sponsoring support for specific events for student promotion and enrollment
 - Facilitate a welcome environment for an individual to understand more about applying to colleges and specifically the benefits of pursuing enrollment at the Art Institute of Seattle
-