

Todd Aitkins – Software Developer

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PROFESSIONAL SUMMARY

An experienced military officer and leader transitioning to software engineering upon my retirement from the U.S. Navy. Strong technical skills in electronics, computers, software development, and engineering, with a background in Naval Nuclear Power and Naval Aviation.

- Python, JavaScript, HTML/CSS
- Test Pilot/QA
- Technical Writing
- Instructor and Technician
- Top Secret Clearance
- Troubleshooting and Repair

EXPERIENCE, SKILLS, AND CERTIFICATIONS

Software Developer

Emerging self-taught software developer, very adaptable and quickly able to master new skills in a short period of time. I have examples of software development projects on my website and GitHub including: a chess simulator, command line hangman, sine vs cosine trigonometric graphing, and other command line functional applications.

- *Python Institute*: PCAP – Certified Associate in Python Programming
- *Python Institute*: PCEP – Certified Entry-Level Python Programmer

Leadership and Management

Project team leader for many time-critical short, and long term, planning and developmental operations. Officer in charge of assembling over 40 personnel at a remote location to conduct flight test. Mission planner and Officer in charge of remote team that required international travel in support of foreign military training and cooperation during a humanitarian aid mission.

Flight Experience and Qualifications

Prior military test pilot with over 2,000 hours of flight time logged in 26 different military and civilian aircraft including high-performance tactical jets, Boeing 737, and even helicopters. Certified by the FAA to act as an Airline Transport Pilot in multiengine aircraft and act as a commercial pilot in other types.

EDUCATION

- Hampton University, **B.S. Flight Education *Summa Cum Laude***, Hampton, VA 2009
- Thomas Edison State College, **B.S. Nuclear Engineering Technology**, Trenton, NJ 2009

EMPLOYMENT HISTORY – Active Duty Military Aug 1998 to Jul 2020

Aviation Specialties Unlimited, Inc. , DoD SkillBridge Internship Program, <i>Boise, ID</i>	Jan 2020 –
Technical writing for the application of Supplemental Type Certificates from the FAA.	Apr 2020
P-8A and P-3C Project Officer and Test Pilot , U.S. Navy (VX-20), <i>Patuxent River, MD</i>	Jul 2016 –
Technical writing and collaborating for experimental flight test. Instructor Test Pilot.	Jul 2020
United States Naval Test Pilot School , Student, <i>Patuxent River, MD</i>	Jul 2015 –
A rigorous course of graduate level instruction in advanced aeronautics, airborne systems, and test flying. Prepared, flew, and authored technical. Course capstone exercise comprised of a comprehensive thesis-level aircraft performance, flying qualities, and systems evaluation.	Jun 2016
P-3C Instructor Pilot and Mission Commander , (VP-40), <i>Whidbey Island, WA</i>	Jan 2011 –
Instructor Pilot, and Mission Commander of U.S. Navy P-3C Orion aircraft. Quality Assurance Officer; Assistant Admin Officer; COMSEC Material Systems Officer; and Electrician Branch Officer.	Jun 2015
United States Navy Flight Training , Multi-engine, Student	Jul 2009 –
Primary Flight Training in the T-34C (Single-engine Turboprop); Advanced Flight Training in the T-44C (Multi-engine Turboprop); Fleet aircraft training in the P-3C (four engine Turboprop).	Dec 2011
Hampton University , Student, U.S. Navy Officer Commission Scholarship	Feb 2008 –
Full-time student on scholarship as active-duty Navy enlisted sailor, (Seaman to Admiral – 21)	Jun 2009
Instructor, Electronics Technician Maintenance School , <i>Pearl Harbor, HI</i>	Jan 2006 –
Lead Instructor - Coordinated and lead a team of five highly skilled technical instructors. Master Training Specialist. Highest level of Instructional certification.	Jan 2008
Reactor Operator and Engineering Watch Supervisor , USS Ohio and USS Kamehameha	Apr 2002 –
Watch team supervisor, Shutdown Reactor Operator, and Reactor Operator.	Apr 2002
Naval Nuclear Power Training Program , Student	Aug 1998 –
Nuclear Prototype Training - Training on a Naval Nuclear Power Plant.	Jun 2000
Naval Nuclear Power School – Nuclear reactor principles, heat transfer, plant chemistry, and radiological control.	
Nuclear Field Electronics Technician 'A' School - Trained in technical mathematics, DC and AC circuits, solid state devices, digital logic, microprocessors, and instrumentation and control circuits.	
Engineering Drafting Assistant , Landis and Staefa, LLC	Jun 1997 –
Assisted design engineers in developing Graphical User Interfaces for control systems for large scale buildings HVAC systems. Drafted floorplans and various layout drawings in AutoCAD to.	Jun 1998