

Steven Hollar

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Summary of Qualifications

- Over 12 years of software development experience.
- Exceptional C/C++/C# development ability in Real Time Operating Systems (RTOS).
- Worked in and familiar with Agile, Waterfall, and Incremental software development models.
- Experience leading projects, working with teams, and individual work.
- **Computer Languages:** C/C++, C#, Visual Basic, JavaScript, Swift, Assembly, Python, Ada.
- **Operating Systems:** Linux (several distributions), VxWorks, DEOS, Windows, iOS.
- **Tools:** IData, QtCreator, Dimensions, DOORS, Subversion, GIT, OpenGL, Jenkins, Visual Studio.
- **Certifications:** AWS – Solutions Architect Associate, AWS – Developer Associate, Certified Scrum Master, Green Belt Six Sigma, Continuous Improvement, ACE.

Professional Experience

Senior Software Engineer (ENEA Software) – Nov. 2016 to Present

- Develop system requirements and testing scripts using Python.
- Debugged software for aviation touchscreen system in Linux and VirtualBox environments.
- Created and executed automated tests for C130J MCDU systems using C# in Visual Studio.

Software Engineer Contractor (Kronos Consulting) – Apr. 2015 to Oct. 2016

- Performed Module Integration oversight and updates for aviation Touchscreen display system.
- Coordinated and assisted multiple engineering teams to perform system-wide fixes & updates.

Lead Software Engineer (Two Roads Professional) – Apr. 2013 to Apr. 2015

- Assisted Honeywell in developing IData graphical software tool for DEOS operating system.
- Lead effort to integrate Datalink communications suite onto new touchscreen environment.

Software Engineer (United Technologies) – Apr. 2011 to Nov. 2012

- Implemented scheduled change requests (SCR) for Air Data program.
- Designed and developed simulation suite in QT Creator and Java for Navy Missile Program.
- Lead and taught team members to interact with Real Time OS, create and run system tests, and requirement based tests for Cockpit Data Management/Electronic Flight Bag (EFB) system.

Aviation Systems/Software Engineer (Honeywell) – May 2006 to Apr. 2011

- Created software system requirements for DO-178B/C certified aircraft.
- Designed and developed embedded display software for commercial aircraft in C/C++.
- Integrated, stressed, modified, and analyzed entire avionics systems hardware modules.

Education

Masters of Business Administration

- University of Arizona – Dec. 2015

Bachelors of Engineering in Computer Systems Engineering

- Arizona State University – Dec. 2007

Bachelors of Science in Meteorology

- Pennsylvania State University – May 2004

Associates of Applied Science in Avionics System Technology

- Community College of the Air Force – June 2002

Affiliations

- USAF veteran and US Air Force Association member.
- IEEE Computer Society member.
- Amazon Web Society.