Adam Novitch

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**Skills/Knowledge Base**

Ada, C, GDB, Git, GitLab, JavaScript, Linux, Python, Ruby, Shell, VectorCAST

**Work Experience**

***General Dynamics Electric Boat Corporation***, New London, CT

***Titles:***

* Senior Software Engineer, *July 2018– Present*
* Software Engineer II, *November 2016 – July 2018*

***Projects:***

* Columbia-class Submarine Ship Control
  + Full SDLC of ship control software. Code and Test in Ada and C.
  + Mentor newer and less experienced team members on software development, process.
  + Support of multiple applications in ship control software suite.
  + Development environment in Red Hat Linux.
  + Write C code to run application on partially POSIX compliant RTOS system.
  + Support Git/GitLab source control, build scripts, CI, written in Python, Shell, JavaScript.
  + Create and update guideline document for usage of Git/GitLab.
  + Work autonomously on various support projects.
  + Acted as temporary team lead for one of the ship control applications. Managed schedules, reported progress to supervisor, lead team meetings.
  + Design of system task schedule based on limited frame of operation.

***ENSCO Avionics***, Endicott, NY

***Titles:***

* Software Engineer II, *July 2016 – November 2016*
* Associate Software Engineer, *January 2014 – June 2016*

***Projects:***

* Boeing 777 Cabin Control Panel
  + Configuration of custom embedded Linux OS using open embedded/Yocto Linux.
  + Maintenance of OS config files, install scripts, using Shell scripting.
  + Creation and maintenance of VM environment to provide other teams with an environment to test code as a precursor to testing on of target hardware.
  + Support for Git/GitLab source control, build scripts and CI.
  + Development environment in Ubuntu Linux.
  + Testing of touchscreen control panel system using Ruby.
* Engine Control Unit Test
  + Test for defense and commercial engine control software using C in a Unix environment.

**Education**

***Rensselaer Polytechnic Institute*** (RPI), Troy, NY

B.S. Computer & Systems Engineering, May 2013