Adam Novitch

https://adamnovitch.github.io/

Skills: Software Development, Linux, Scripting, Source Control, CI/CD, Unit Test
Programming Languages: Ada, C/C++, Bash (Linux Shell), Python, JavaScript, Ruby
Tools: Git, GDB, VectorCAST, Simulink

Work Experience

OTIS Elevator Company, Farmington, CT

November 2021– Present

- ❖ Motion Controller Software - Smart Service Integration
    - ◆ Implemented streamlined field tests based on existing manual procedures.
    - ◆ Integrated software with interface to mobile application framework.
    - ◆ Provided data to display on mobile application through cloud database.
    - ◆ Updated high rise motion controller software to run on updated platform.
    - ◆ Tested code and procedures on simulation equipment.
- ❖ Position Simulation Software
    - ◆ Maintained test software by updating Simulink models.

General Dynamics Electric Boat Corporation, New London, CT

November 2016 – October 2021

- ❖ HMCCS & Columbia-class Submarine Ship Control
    - ◆ Participated in full SDLC of ship control software.
    - ◆ Developed code in Ada and C, tested using Ada and C drivers and Vector tools.
    - ◆ Provided guidance to less experienced engineers.
    - ◆ Updated C code to run application on partially POSIX compliant RTOS system.
    - ◆ Supported source control framework, build scripts, continuous integration.
    - ◆ Created and maintained source control usage guidelines.
- ❖ Software Engineering Development Environments (SwEDE) Board member.
- ❖ Operational Excellence (OPEX) Award Recipient, 2020 – GitLab Process Guideline Document

ENSCO Avionics, Endicott, NY

January 2014 – November 2016

- ❖ Boeing 777 Cabin Control Panel
    - ◆ Configured custom open source embedded Yocto Linux.
    - ◆ Provided nightly builds of OS images for Virtual Machine and target hardware.
    - ◆ Supported Git/GitLab source control, build scripts and continuous integration.
    - ◆ Tested touchscreen control panel system using Ruby.
- ❖ Engine Control Unit Test
    - ◆ Tested for defense and commercial engine control software in a Unix environment.

Education

Rensselaer Polytechnic Institute (RPI), Troy, NY

B.S. Computer & Systems Engineering, May 2013