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