

# Saveliy Sidorov

<http://savsidorov.com>

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## EDUCATION & TRAINING

- University of British Columbia** **2017-2021**  
Bachelor of Applied Science (BASc) in Electrical Engineering.
- Henry Wise Wood High School - IB Programme and Honors** **2014-2017**

## WORK EXPERIENCE

- Co-op Test Engineer at General Dynamics Mission Systems - Canada** **2018-2018**
- *Testing* - Developed test cases for, and tested a variety of communication devices under two GD programs. Testing involved both a hardware and software component, each test was differed in nature.
- Co-op Software Developer at General Dynamics Mission Systems - Canada** **2017-2017**
- *Programming* - Worked on software to automate testing of in-development comms equipment (EvO program). Used LabVIEW, Python and Robot Framework to automate hardware tests.

## SKILLS

### Software

- Java, C, Python and LabVIEW languages
- Verilog
- RobotFramework
- Powershell
- Debugging, testing and code optimization
- Version control - Github
- SolidWorks
- Altium
- JIRA

### Technical

- Project planning and schedule maintenance
- Basic electrical knowledge
- Basic networking experience, wired and wireless - IPv4, IPv6
- Basic sheet metal work
- Agile methodologies
- User level knowledge in Linux & Windows

## EXTRACURRICULARS

- Member of the UBC Formula Electric Design Team** **2018-2019**
- PCB design, enclosure design, testing and implementation of brake lights.
- Member of the UBC Mars Colony Design Team** **2017-2018**
- Design calculations, fabrication, safety officer role.
- Founder and Team Captain of the FIRST® Robotics Competition Team 5897** **2015-2017**
- *Team Captain* - Organized and motivated high school teammates, created and enforced project schedule, raised funds, lead the strategy and design discussion.
  - *Programming* - Implemented and maintained the autonomous code.
  - *Mechanical* - Design, prototyping and aluminium fabrication.
  - *Electrical* - Wiring and soldering electrical components.
  - Received the following awards:
    - **geekStarter Certificate of Achievement** (from *Mindfuel*, to Team 5897)
    - **geekStarter Special Award - Most Marketable Project** (from *Mindfuel*, to Team 5897)
    - **Rookie All-Star Award** (from *FRC Western Canada Regional*, to Team 5897)
- President of the FIRST® Robotics Western Canada Student Board** **2016-2017**
- *Summer camp* - Helped organize a robotics summer camp for elementary school students.
  - *Summer project* - Organized a summer design project to help students develop new skills.
- Programmer for the FIRST® Robotics Competition Team 4334** **2014-2015**
- Was involved in Java programming, website (HTML), public relations and game strategy.

## HACKATHONS

- Participant at UBC Local Hack Day, hosted by nwPlus** **2018-2018**
- *Programming* - Worked on a brief proof of concept of a website using HTML, CSS and Javascript, over a 12 hour period.
  - Winner of the **LHD Merit: Build** award, for best idea and inspiration. One of six major awards.