






Tommy Moffat

STEM Leader | TKS Innovator

I am a 16-year-old student who is passionate about STEM and innovation. I love artificial intelligence, robotics, IoT, and pretty much everything tech. I have had years of experience in team and project management, as well as software, hardware, and graphic design.

Contact Info

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Skills

Programming

Experience in:

- ◆ Python
- ◆ HTML
- ◆ C#
- ◆ XAML
- ◆ Swift
- ◆ Java
- ◆ PHP
- ◆ CSS
- ◆ C
- ◆ JavaScript

Software Suites

Experienced in:

- ◆ Autodesk Maya
- ◆ Adobe Photoshop
- ◆ Adobe Premier Pro
- ◆ Unity
- ◆ Android Studio
- ◆ Microsoft Office
- ◆ XCode

Project Management

- ◆ Team Leadership
- ◆ Planning
- ◆ Critical Thinking
- ◆ Meeting Deadlines
- ◆ Brainstorming

Miscellaneous

- ◆ Small Aircraft Pilot
- ◆ Math and Science Contests
- ◆ Event Planning
- ◆ Customer Service
- ◆ Marketing



Awards

- ◆ VRC 1st Place Provincial Champion
- ◆ VEX IQ 2nd Place Global Programming Champion
- ◆ FLL 3rd Place Global Champion
- ◆ \$20K xPrize Nominee
- ◆ 1st Place Ontario Innovation Award
- ◆ 1st Place Waterloo Math Contest
- ◆ FLL 1st Place Global Mechanical Design

Work Experience

E-Bots - Competitive Robotics

Aug. 2013 - May 2017

- ◆ Team leader, head coordinator, head builder, drive team
- ◆ Dozens of awards in competitions around the world
- ◆ Multiple organizations: First Lego League (FLL), VEX IQ, VRC
-  firstlegoleague.org
-  vexrobotics.com/competition

E-Bots - Instructor

Dec. 2015 - Mar. 2017

- ◆ Teacher of classes for young kids interested in STEM
- ◆ Taught advanced levels of programming, mechanics, and robotics

 ebots.ca

753 Group - Product Manager

Aug. 2017

- ◆ Exposed to strategic development, marketing, product planning & design
- ◆ Designed, 3D-modeled, and prototyped my ideas for the company
- ◆ Helped develop long term marketing and sales strategy

 Website Currently Unavailable

Other Experience

SHAD - University of New Brunswick

Jul. 2017

- ◆ Exposed to cutting edge topics in STEM and entrepreneurship
- ◆ Networked with dozens of professionals in rapidly growing industries
- ◆ Joined the SHAD network of over 16,000 brilliant alumni
- ◆ Built a scientific and entrepreneurial project and competed for investors
- ◆ Collaborated with 79 other students to pursue my passions

 shad.ca

TKS Toronto - Class III

Feb. 2017 - May 2017

- ◆ One of the best programs for learning in the world
- ◆ Went deep into industries of the future like AI, VR, genomics & blockchain
- ◆ Exposed to industry leaders and world class mentors
- ◆ Exclusive opportunities like conferences, tours, internships, and more
- ◆ Collaborated with like-minded individuals on big-thinking projects

 theksociety.com