

Smart Mortar Launcher

Status:	Filled
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Project Description

About the project

There are several issues with tackling forest fires with airplanes and helicopters. Expensive operation cost, danger to the crew, limited fuel and limited capability of carrying extinguishing means (powder/water). It might be smarter to launch extinguishing bombs into forest fire by a smart mortar launcher.

About us

CX Design is a Vancouver based product development company, co-founded by two MSE Alumni from SFU, and two from Engineering Science. We focus on commercialization of new technology and innovation. Having hired many coop students from MSE we believe in credibility of MSE students. In 2018, we sponsored two successful capstone projects. We are looking for a capstone team in 2019 to take on this project with us.

About you

We are looking for enthusiast engineering students who want to solve the described problem with our team. We prefer people with experience in SolidWorks, rapid prototyping, Assembly Plan, Circuit Design, and Simulation. We also prefer to work with individuals with entrepreneurial attitude. If you do not have any of the following experiences but still like to be part of the project please still apply!

Why choose this project

There are various projects to select from for your final year at SFU. This project offers a unique opportunity for the following reasons:

- 1) Gain experience in commercialization of idea, rapid prototyping, and patent writing
- 2) You have access to a 3D printer for your prototype
- 3) Potential work opportunity after graduation for some or all of the capstone team members
- 4) Potential shares