



# HAILEY VALLABH

STUDENT

## ABOUT ME

I'm a 16 y/o high school student at Garth Webb Secondary School, that is fascinated with synthetic biology, brain-computer interfaces, philosophy, and social sciences.

## SKILLS

- HTML
- CSS
- Python
- Graphic design

## SOFT SKILLS

- Bilingual; English & French
- Self-motivated
- Able to problem solve
- Eager and quick to learn
- Adaptive

## CONTACT DETAILS

Email: [haileyvallabh003@gmail.com](mailto:haileyvallabh003@gmail.com)  
Portfolio: [www.haileyvallabh.com](http://www.haileyvallabh.com)  
LinkedIn: <https://www.linkedin.com/in/hailey-vallabh-24a92118a/>



## EXPERIENCE

### Innovator

The Knowledge Society | 2019 - Present

The Knowledge Society is a human accelerator program, helping me tap into my full potential - and become a unicorn person ☑

### Flight Sergeant

Royal Canadian Air Cadets | 2015 - Present

I'm an air cadet sponsored by the Department of National Defence. Through this program, I have been able to develop my leadership skills.

### Intern

The Urban Writers | July 2019

I worked on improvements to the online platform, and on understanding hiring requirements for the company.

### Finalist

Python's Pit | 2019

Python's Pit is a version of Shark Tank specifically for youth. I had to create and pitch a product in a high intensity ecosystem.



## PROJECT SPOTLIGHT

### Synthetically Producing Blood

<https://haileyvallabh.com/synthetic-blood.html>

I decided to take a look into how we can synthetically produce hemoglobin, the most important protein in blood, using yeast models so that hospitals no longer face blood shortages.

### Genetically Engineering Immune Cells

<https://haileyvallabh.com/editing-immune-cells.html>

I dove into how we can genetically modify a patient's very own cells in order to treat their cancer. We can do this by creating CAR-T cells.



## AWARDS

Honour Roll | 2016 - 2019

First place in cadet band competition | 2017 - 2019

Top 10 DECA Regionals & Provincials | 2018 - 2019

Python's Pit Finalist | 2019