

# ADAM IANTORNO

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## EDUCATION

### University of Waterloo, 2019 - Present

- Candidate for Bachelor of Applied Science, Mechanical Engineering
- Nominated for Co-op Student of the Year

### Appleby College, Sep 2015 – July 2019

- GPA: 4.0
- Student Government, Model United Nations, Captain Varsity Cross Country

### Harvard CS50 Web Programming Course, Oct 2020 – Present

## VOLUNTEER EXPERIENCE

### Cambodia Service Trip, March 2018

- Constructed cement sidewalks and water tanks with island locals
- Researched the aftermath of the 20<sup>th</sup> century Cambodian genocide

### School Prefect, Aug 2018 – July 2019

- Implemented school-wide and local fundraising events to promote student well-being
- Mentored 12 students in weekly council meetings in leadership while inspiring teamwork

### Student Ambassador, Sep 2016 – 2019

- Delivered detailed campus tours to prospective students and families
- Student representative at large community events

## SKILLS

### Programming

Proficient: Python, HTML & CSS

Familiar: C++, JavaScript

Django, Git, Rest APIs, Visual Studio

### Design

AutoCAD, SolidWorks, Siemens NX, Microsoft Office, Adobe Creative Suite

## PROFILE

- Collaborative student leader with critical problem-solving skills
- Proven ability to quickly learn new skills and programming languages
- Experience in quality assurance, mechanical design, and web dev
- Adept balancing concurrent deadlines and tasks

## EXPERIENCE

### Operations Coordinator, Flipp Inc, Sep – Dec 2020

- Improved company's digitalization process speed with Google Sheets data manipulation procedure
- Implemented JavaScript algorithm to address product prefix errors

### Quality Assurance Engineer, 416 Automation, Jan – May 2020

- Analyzed large quantities of data from over 1000 tests to set error ranges on machine sensors
- Generated machine sequence files for ultrasonic-leak tester
- Updated python NumPy and Pandas scripts to analyze machine data

### Autonomous Driving Sensor Diagnostics Lead, Eco-Car

Oct 2019 – Aug 2020

- Programmed ROS Node with sensor diagnostic algorithm
- Designed unit tests for diagnostics algorithm and CAN network

## KEY PROJECTS

**Personal Website:** [adamiantorno.github.io](http://adamiantorno.github.io) (for additional information)

### Harvard Commerce Project

- Developed e-commerce web app using Django that allows users to bid and comment on listings and add to their watchlist
- Incorporated SQLite database for bids and listings

### Remote Controlled Tennis Ball Collector

- Worked with team to designed prototype with VEX Robotics
- Operated in small team to cohesively complete task

### Asana Task Updater

- Developed python scripts to update 1000+ company-wide projects with task manager's RESTful API
- Integrated scripts into user interface for management dashboard

### South Africa Biology Research Paper

- Surveyed 2 cubic meter plots of safari to analyze plant deviation
- Identified effects of elephant migration routes on vegetation