





RYAN WESTCOTT

STUDENT - LEADER - INNOVATOR

CONTACT

-  971.777.2352
-  ryan@westcott.email
-  Portland, Oregon
-  www.RyanWestcott.com

EDUCATION

Oregon Episcopal School

College Prep High School
Beaverton, Oregon | Class of 2020

French American International School

Elementary and Middle School
Portland, Oregon

Study Abroad

Fort-de-France, Martinique | 2016
Paris, France | 2014

LANGUAGES

English | Fluent
French | Fluent

INTERESTS

Engineering, Space, Rockets,
Drones, Technology, Science Fair,
Health, Hiking, Public Speaking,
and more.

PROFILE

A motivated high school student with lofty dreams and aspirations. Over 5 years of experience leading engineering, non-profit, and entrepreneurial teams in local and broader communities. 1st place Grand Award Winner at Intel ISEF, President of a non-profit, TEDx Talk speaker, and iPhone App Developer (with users across 58 different countries). Excellent interpersonal and communication skills. Looking to find a college environment that shares my goals of improving our world and that will challenge me academically to grow as a scholar and as a person.

WORK EXPERIENCE

AERONAUTICS NORTHWEST

FOUNDER, PRESIDENT | PORTLAND | 2018 - PRESENT

- Founded a 501(c)(3) non-profit company with the mission of *inspiring the next generation's interest in STEM through the use of drones.*
- Directly impacted and have worked with over 1,100 students.
- www.AeronauticsNW.org

RYWES TECHNOLOGY

FOUNDER, CEO | PORTLAND | 2014 - PRESENT

- Founded a professional technical support company which provides on-call technical support.
- Over 20 individual clients, one primary professional client.

INNOVO DRONES

INTERNSHIP | BEAVERTON | 2018

- Internship at the Portland-based drone startup InnovoDrones.
- I worked on multiple projects and piloted drones. Developed software, built hardware, and analysed flight computer communication protocols.
- www.InnovoDrones.com

LEADERSHIP

OES AEROSPACE TEAM

OREGON EPISCOPAL SCHOOL | PORTLAND | 2015-2020

- Co-founder and co-leader of the team.
- We design, build, fly, and test sophisticated computer-controlled rockets for the Team America Rocketry Challenge.
- Lead the team to achieving an unprecedented perfect score in our 3rd year.

MAJOR AWARDS

1st Place Worldwide - Intel International Science and Engineering Fair

Engineering and Mechanics grand award winner at ISEF 2019

1st Place Worldwide - US Air Force Research Laboratory at ISEF

Two-time US Air Force 1st place awardee at ISEF 2018 and 2019

2nd Place Worldwide - NASA Award

National Aeronautics and Space Administration award at ISEF 2019

1st Place - Startup Camp

Lead engineer of the winning team at Startup Camp 2017

1st Place - National Youth Leadership Forum Keystone Competition

Leader of the winning team at NYLF Engineering at UC Berkeley

Overall Team Winner - Young Entrepreneurs Business Week

Leader of the winning team at YEBW 2019

Leadership Award - FounderZ Weekend

Outstanding leadership award at FounderZ weekend 2018.

4th Place - Districts Track and Field

4th place javelin thrower in the district.

ENGINEERING EXPERIENCE

SCIENCE AND ENGINEERING RESEARCH

ASE, NWSE, ISEF | 2015-2020

- Five years of science research and science fair competition experience.
- Three-time Intel ISEF Finalist, 1st place Worldwide Intel ISEF Grand Award Winner.
- Projects include topics on chemistry, navigation algorithms, drones, embedded systems, rockets, and mechanical engineering. Received 25 awards so far for my three highschool projects.

iOS APP DEVELOPMENT AND PUBLISHING

ISS NOW, WE TIP | 2015-2020

- Designed, built, and published two iPhone apps on the Apple App Store.
- Over 18,500 users across 58 different countries.

FRC ROBOTICS TEAM SOFTWARE DEVELOPER

2898 THE FLYING HEDGEHOGS | 2016

- I developed software, control algorithms, teleoperated communication protocols, and data analysis code for my FIRST Robotics team.
- Assisted in fundraising activities for the team.

CONFERENCES

TEDx TALK

TEDx YOUTH @ PORTLAND | PORTLAND | 2018

- One of the 7 speakers selected by TEDx to deliver a talk for TEDxYouth@Portland.
- I discussed the importance of space exploration and how to ensure we will have a prosperous future among the stars.
- Over 250 person audience. Viewable on my website.

YOUNG ENTREPRENEURS BUSINESS WEEK

UNIVERSITY OF PORTLAND | PORTLAND | 2018-2019

- First-year: voted into leadership as the CEO of our 11-person team.
- Second-year: voted into leadership as the CMO of our 5-person team. Lead our team to winning the "Overall Team Winner" award.

NATIONAL YOUTH LEADERSHIP FORUM

UNIVERSITY OF CALIFORNIA BERKELEY | BERKELEY | 2018

- 1st place Winner of the Keystone competition.