

RANDOM STUDENT

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To pursue a career as an architect or civil engineer. I hope to develop buildings and/or city plans that will promote sustainable urban growth.

EXPERIENCE & PROJECTS

Math Club – Camas High School: Camas, Washington 2015 – Present

Secretary

Mushroom Enzyme Biofuel Project: Fall 2013 – Winter 2014

- Utilized Shitake Mushrooms along with other species of mushroom, testing which mushroom had the strongest enzymes to be used to create biofuels

Biochar Project: Winter 2014 – Spring 2014

- Created biochar, an alternative to fertilizer, to test if it could compete with commercial fertilizer while reducing the amount of phosphorus runoff

Aeroponics Project – Portland State University: Fall 2014 – Winter 2015

- Implemented an aeroponic system in which plants are grown in the air with water vapor, and tested if the reduced water usage could still sustain plant growth

Cactus Purification Project: Winter 2015 – Spring 2015

- Harvested the inner mucilage of prickly pear cactus, and tested its ability to purify water

AWARDS

Academic Awards:

- Advanced Placement (AP) Scholar with Honor (2015)
- Academic Varsity Letter Award – Knowledge Bowl (2015)
- ASU Walton Sustainability Solutions Award (2015)
- Ricoh Sustainable Development Award (2015)
- Stockholm Regional Water Prize Award (2015)
- Award for Best Presentation Concerning Soil (2015)

EDUCATION

Math, Science, and Technology (MST) Magnet School: Camas High School, Camas, WA (CEEB 480140)

SAT Combined Score: 2100 Critical Reading: 680 Math: 730 Writing: 690

GPA (Unweighted): 3.983 Graduation Date: June 2017

Advanced Placement Courses (Four Completed to Date): Environmental Science (4), Human Geography (5), World History (4), Biology (4)

Current Year AP Courses: English Language and Composition, United States History, Chemistry, Psychology

EXTRA- CURRICULARS

Science Olympiad: Camas, Washington (Meets during the academic year) 2010 - Present

- 1st place in: Helicopters (2013), Write it, Do it (2015), Fossils (2016), Write it, Do it (2016), Astronomy (2016)
- 2nd place in: Water Quality (2013), Bridge Building (2014), Write it, Do it (2015), Astronomy (2016)
- 3rd place in: Helicopters (2013), Experimental Design (2014), Technical Problem Solving (2015)
- 4th place in: Write it, Do it (2015)
- Volunteer at science-themed day camp for elementary school students once a month
- Continuous participation since sixth grade

Knowledge Bowl: Camas, Washington (Competes once a month during the school year) 2014 - Present

- 1st Place in Southwest Washington Regional Tournament (2015)

Math Club: Camas, Washington (Meets once a week during the school year) 2015 - Present

- Secretary for 2015 - Present
- Tutor middle school students once a week
- Compete in AMC competitions

Girl's Tennis: Camas, Washington (Spring sport) 2013-2015

- Continuous participation between freshmen and sophomore year

HOBBIES & INTERESTS

Hand-lettering, Typography, Hiking, Kayaking, Drawing, Reading