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# Andrew Tolton

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## OBJECTIVES

- Practice utilizing my skills in real-world problem-solving contexts
- Observe efficient project management to apply towards my future projects

## EDUCATION

### University of Utah, Salt Lake City- 4.0 GPA

*Honors Mechanical Engineering Major, CS minor* Aug. 2021-PRESENT

I am currently a freshman at the U, and I am pushing myself to engage with as many difficult things as I can:

- National Academy of Engineering Grand Scholars Program (Reverse Engineering the Brain)
- NASA Lunabotics competition with the Utah Student Robotics club
- Service and planning with Science In The Parks

I have been taking sophomore level classes, and doing additional study on my own through MIT OpenCourseWarehouse

### Syracuse High School / Weber State University, Syracuse- 4.0 GPA

*High School Diploma / Associate's of Science* Sept. 2018 - Jun. 2021

I earned my Associate's of Science through Weber State University by taking AP & CE classes at Syracuse High. I also learned material on my own, and got credit through CLEP tests.

## APPLICABLE SKILLS

Calculus & Linear Algebra, Robotics experience, Computer Programming (C++, Python, MatLab), Physics, Circuitry & Breadboarding, strong interpersonal communication, writing, leadership skills, Spanish, and experience troubleshooting and problem-solving.

## PROJECT INITIATIVES

- Submission to Project Paradigm, attempting to build a website to raise money for charity. *In Progress*

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-Started a team to build a mobile game for Android and Apple devices

*In Progress*

-Building a website to help people optimize walking routes across campuses

*Started for HackUSU, In Progress*

## WORK EXPERIENCE

### **UST Corp, Layton** - *Chemical Technician Intern*

Feb. 2021 - May 2021

- Learning UST Lab procedures and protocols.
- Experience operating sensitive UST Lab equipment.
- Group collaboration and rapid training.

### **Various Self-Employed Jobs**

Sept. 2018 - Aug. 2021

- Started a summer window-washing business.
- Tutored high-school math
- Taught introductory and intermediate piano

I have lots of experience working and starting things on my own, but I've also had to be able to work together with others and communicate effectively

## AWARDS

-Science & Technology Pathway Recognition

-National Honors Society Graduate

-National AP Scholar Award

-35 on the ACT

-Won runner-up in Westminster College Civility in Politics Essay Contest