

Objective: Attain an internship in back-end computer software at a high-tech, cutting edge company.

Education:

- Aug. '15 – **University of Southern California, Viterbi School of Engineering**
B. Sc. Computer Engineering and Computer Science, Class of 2019
Concentration in Physics | GPA: 3.72
Relevant coursework: Honors Physics, Honors Chemistry, Differential Equations, C++ Programming, MATLAB, Calculus III, Algorithms and Object-Oriented Design, Embedded Systems, Operating Systems (Scheduled), Computer Systems Organization (Scheduled)
- Sep. '11 – June '15 **Interlake High School (Bellevue, Washington), a US News and World Report Top-10 school**
IB Diploma Scholar and National AP Scholar with Distinction

Work Experience:

- Mar. '16 – Aug. '16 **Instructor and Camp Counselor**
iD Tech Camps, Palo Alto, California
Instructor at iD Tech Mini. Engaging kids in the 6-9 age group in a collaborative learning environment. Students are placed in small groups for personalized experiences and proper pacing.
I teach Minecraft game design, logic gates and basic programming through in-game commands. Minecraft's Redstone resource simulates real-life electricity, and players are able to implement logic gates, boolean functions, clock circuits, and even functioning computer systems in-game with the resource. Campers in my class get a taste of hardware control through redstone circuits, which power and activate custom game elements, rules and in-game devices and machinery.
- Sep. '14 – June '15 **Cancer Research Lab Intern**
Fred Hutchinson Cancer Research Center, Clinical Research Division
Served as an intern in a cancer research lab, setting up experiments, performing data analysis and visualization, and interpreting results about the growth, development and treatment of human cancers.
- Sep. – Dec. '14 **Hands-on Instructor**
Mathnasium of Bellevue
Served as a hands-on instructor to teach students in K-12 mathematics in a way that makes sense to them and allows them to develop both a knowledge and enjoyment of mathematics.

Sample Extracurricular and Volunteer activities:

- Sep. '15 – **Experiment Manager at USC Science Outreach**
With *Science Outreach*, I volunteer at local elementary schools to teach science, instilling in 2nd and 3rd graders a love of science akin to my own. As an Experiment Manager, I design, plan, perform and teach experiments we will perform with 2nd graders to the volunteers.
- Sep. '15 – Feb. '16 **Viterbi KIUEL – Engineers' Week Planning Committee**
With the *Klein Institute for Undergraduate Engineering Life* (KIUEL), I worked in a team to plan and present the University's Engineering week, showcasing to the broader student community what engineers do and what engineering is.
- Oct. '13 – Apr. '15 **Interlake High School Science Olympiad**
Competed within a team to put our scientific and engineering knowledge and skills to the test. Working with partners and as part of a team. We earned fourth place in Washington State in 2014, and I earned an individual third Place in the Circuit Lab electrical engineering competition.

Sample Awards/Certificates:

International Baccalaureate Diploma * AP Scholar with Distinction * National AP Scholar *
Nominated and inducted, Alpha Lambda Delta National Academic Honors Society

Sample Skills:

MATLAB * C++ * Python * JavaScript * Object Modeling * Logic Circuit Design *
Debugging * Algorithm Mapping * Modular Software Design * Data Analytics *
Mobile App Development (Android)

References available upon request

Add me on LinkedIn: <https://www.linkedin.com/profile/view?id=150339898>.