

Aja Hartman

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Education

Santa Clara U, Materials Engineering Masters, Santa Clara Sept 2018 – March 2021

Santa Clara U, Mechanical Engineering B.S., Santa Clara Sept 2011 – June 2015
Graduated with a GPA of 3.892, magna cum laude, on the Dean's List of the School of Engineering annually, a member of the Tau Beta Pi Engineering Honors Society, Society of Women Engineers, Santa Clara University Orchestra, and One Step Ahead Volunteer.

Work Experience

3D Printing Research Engineer, HP Labs Palo Alto July 2015 – Present
Combining mechanical architecture, material science, and 3D print processing to further Multi Jet Fusion technology. Metrology specialist with ASTM and ISO standards for material characterization, defining standard reference measurements (SRM), and standard operating procedures (SOP) across sites.

Manager (Summer Internship), Gilbane Construction, San Jose June 2014 – Sept 2014
Responsible for communication and coordination between the school owners, architects, and general contractors.

ME Designer (Summer Internship), Gov. Contractor, Palo Alto Sept 2013 – Sept 2014
Invented a solution to increase voting accuracy.

Machine Shop Manager (Summer Internship), CMU, Moffett Field July 2013 – Sept 2013
Responsible for electrical and mechanical machine maintenance and machine certification for students and teachers.

Soft Skills

Culture, community, and team builder, self-motivated, fast learner, good communicator, curious

Tools

SolidWorks, Creo, MATLAB, Materialize Magics, Netfabb, ImageJ, 3D printers, UV spectrometer, SEM, STM, EDX, soldering, Microsoft Office Suite

Favorite Patent

Hartman A, Zhao L, Deviant control in additive manufacturing, Application No. PCT/US2017/013914