

PETER TATUM

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EDUCATION

University of California, Berkeley	Overall GPA: N/A
B.S. Engineering Physics	<i>August 2019 - May 2021</i>
Laney College	Overall GPA: 3.96/4.00
A.S. Math and A.S. Physics, Highest Honors	<i>Nov 2017 - May 2019</i>
A.S. Machine Technology	<i>May 2015 - May 2017</i>
A.S. Welding Technology	<i>Jan 2014 - May 2015</i>

EXPERIENCE

University of Rochester, The Institute of Optics	Rochester, NY
<i>National Science Foundation REU Researcher</i>	<i>Jun 2019 - Aug 2019</i>
· Developed experimental design for high-efficiency hybrid evaporative-conductive cooler using laser-processed super-wicking Aluminum	
Lawrence Berkeley National Laboratory (LBNL)	Berkeley, Ca
<i>Affiliate Researcher</i>	<i>Jun 2018 - Aug 2018</i>
· Explored the spray application of nanoparticle solutions to develop a thermal insulating material · Designed and built a microscope temperature control stage and a thermal metrology apparatus	
Matt Devine, Inc.	Petaluma, Ca
<i>Lead Fabricator</i>	<i>Jan 2015 - Jun 2017</i>
· Managed the fabrication and installation of steel, stainless steel, aluminum and bronze sculpture work · Organized material orders and shipment of artwork to galleries across North America, Asia and Europe	
Blank and Cables, Inc.	Oakland, Ca
<i>Lead Fabricator</i>	<i>Aug 2015 - Dec 2015</i>
· Bridged communication between the design office and the fabrication team to produce and install custom architectural components for commercial and residential buildings · Applied machining and welding processes to high precision standards	

AWARDS

NASA Marshall Spaceflight Center	Huntsville, Al
<i>MVP of the 1st Place Team in Community College Aerospace (NCAS) Challenge</i>	<i>Sep 2017</i>
National Science Foundation	Washington, D.C.
<i>Finalist Team in Community College Innovation Challenge</i>	<i>May 2018</i>
Phi Theta Kappa National Honor Society	
<i>Member</i>	<i>Nov 2017 - May 2019</i>

EXTRA-CURRICULAR

Laney College	Oakland, Ca
<i>Math and Physics Tutor</i>	<i>Sep 2017 - May 2019</i>
Laney College Physics Club	Oakland, Ca
<i>President and Co-Founder</i>	<i>Sep 2017 - May 2019</i>