

DAVID BOMBARA

Houston, TX
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LinkedIn ◇ Google Scholar

EDUCATION

Harvard University Doctor of Philosophy in Materials Science & Mechanical Engineering	<i>August 2022–May 2027 (Expected)</i>
University of Nevada, Reno Master of Science in Mechanical Engineering	<i>August 2020–August 2022</i> Cumulative GPA: 4.000/4.000
University of Nevada, Reno Bachelor of Science in Mechanical Engineering <i>Honors Program graduate; Dean's List recipient for seven semesters.</i>	<i>July 2016–May 2020</i> Cumulative GPA: 3.834/4.000

RESEARCH EXPERIENCE

Harvard Microrobotics Laboratory <i>Graduate Research Assistant</i>	Starting August 2022 <i>Allston, MA</i>
NASA Johnson Space Center <i>Visiting Researcher, Robotic Systems Technology Branch</i>	May 2022–August 2022 <i>Houston, TX</i>
Smart Robotics Laboratory, University of Nevada, Reno <i>Graduate Research Assistant, Department of Mechanical Engineering</i>	August 2020–Present <i>Reno, NV</i>
NASA Langley Research Center <i>Intern, Advanced Measurements and Data Systems Branch</i>	June 2020–May 2021 <i>Hampton, VA (Virtual)</i>
Smart Robotics Laboratory, University of Nevada, Reno <i>Undergraduate Research Assistant, Department of Mechanical Engineering</i>	November 2018–June 2020 <i>Reno, NV</i>
NASA Ames Research Center <i>Intern, Rotorcraft Aeromechanics Branch</i>	June–August 2019 <i>Mountain View, CA</i>

INDUSTRY EXPERIENCE

Western States Fire Protection <i>Design Intern</i>	May–August 2018 <i>Las Vegas, NV</i>
Nevada Department of Transportation <i>Public Service Intern, Construction Division</i>	May–August 2017 <i>Las Vegas, NV</i>

FELLOWSHIPS

NSF Graduate Research Fellowship <i>National Science Foundation</i>	September 2022–August 2025
NASA Space Technology Graduate Research Opportunities Fellowship <i>NASA Space Technology Mission Directorate</i>	August 2021–August 2022
Graduate Research Opportunity Fellowship <i>Nevada NASA Space Grant Consortium</i>	May 2021

· Declined due to also receiving the NSTGRO fellowship.

SCHOLARSHIPS AND AWARDS

2021 Best Paper Award <i>IEEE Robotics and Automation Letters</i>	May 2022
Exceptional Contribution Award <i>Advanced Measurements and Data Systems Branch of NASA Langley Research Center</i>	August 2020
2020-2021 Graduate Dean's Merit Scholarship <i>The Graduate School, University of Nevada, Reno</i>	March 2020
2019-2020 Undergraduate Scholarship <i>Nevada NASA Space Grant Consortium</i>	June 2019
Nevada Undergraduate Research Award <i>Office of Undergraduate Research, University of Nevada, Reno</i>	December 2018

SERVICE

College of Engineering, University of Nevada, Reno <i>Outreach Student Worker</i>	August 2021–December 2021 <i>Reno, NV</i>
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