

N/SC

NÚMI SVEINSSON CEPERO

PROFILE

Enthusiastic, positive and professional PhD candidate in biomechanical engineering at University of California, Berkeley. Research interests include biomechanics, biofluids and biomaterials. Specific area of interest is the intersection of computational modeling, deep neural networks and cardiovascular health. Independent thinker, strong team collaborator and experienced in effectively solving tasks with creativity and determination. Hobbies include growing plants, history, traveling and cooking with friends.

EXPERIENCE

2020 - PHD CANDIDATE

University of California, Berkeley

Working towards a PhD in mechanical engineering with a major in biomechanics. Conducting research in computational cardiovascular modeling, under guidance from Prof. Shawn Shadden.

2020 PRODUCT DEVELOPMENT INTERN

Kerecis / Reykjavik, Iceland

Partook in research and development of new fish skin originated surgical membranes for tissue regeneration and wound healing. Performed mechanical testing and analysis.

2019 PHD STUDENT

Boston University

Enrolled in a PhD program in biomedical engineering. Took courses in mechanics, tissue engineering and molecular bioengineering. Did research rotations which helped me identify my research interests.

2018 - 2019 TEACHING ASSISTANT

University of Iceland

Calculus III - Differential Equations and Complex Analysis in Autumn 2018 and Numerical Analysis in Spring 2019

2018 RESEARCH ASSISTANT

University of Iceland

Worked to create a model and animation of new technology for mechanobiology research and drug testing.

2017 FORMULA STUDENT, TEAM SPARK

University of Iceland

Member of the aerodynamics team. Conducted computational fluid dynamics simulations.

EDUCATION

2019 BS - MECHANICAL ENGINEERING, GPA: 9.67/10

University of Iceland. Highest GPA for BSME since 1980.

2018 INTERNATIONAL HONORS PROGRAM, GPA: 4.173

Stanford University

CONTACT

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Berkeley, 94704 CA USA

SKILLS

- Leadership
- Team Building
- Public Speaking

AWARDS / HONORS

- Hearts To Humanity Award 2022
- Leif Eiriksson Fellowship 2021
- Boston University Fellowship 2019
- BS Graduation Speech 2019
- Scholarship to Attend Stanford 2018
- Íslandsbanki Scholarship 2018
- Landsbanki Scholarship 2017
- UI Student Achievement and Incentive Fund 2016

ADDITIONAL EXPERIENCE

- Vice President of SINE - Association of Icelandic Students Abroad 22/23
- University of Iceland Student Council 18/19
- Promotional work for University of Iceland
- Amnesty International Youth Council 16-19
- Board of School of Engineering and Natural Sciences, University of Iceland 18/19
- NORDTEK Student Board 18/19