Pedro Sandoval Segura

CONTACT INFORMATION	2108 Brendan Iribe Center 8125 Paint Branch Drive College Park, MD 20742	(301) 405 2662 psando@cs.umd.edu http://cs.umd.edu/~psando

RESEARCH INTERESTS

Artificial Intelligence Planning, Visual Recognition, Robotics

EDUCATION

University of Maryland, College Park, MD
  M.S., Computer Science — Expected May 2021
  Ph.D., Computer Science — Expected May 2024

Harvey Mudd College, Claremont, CA
  B.S., Computer Science and Mathematics — May 2019
  Graduated with High Distinction

RESEARCH EXPERIENCE

Institute for Systems Research, University of Maryland — Aug 2019 - Present
Graduate Research Assistant I
Working with Prof. Dana Nau and Prof. William Regli

AMISTAD Lab, Harvey Mudd College — Jan 2019 - May 2019
Student Researcher
Working with Prof. George Montañez

Neural Networks Group, Harvey Mudd College — Aug 2017 - May 2018
Student Researcher
Working with Prof. Robert Keller

INDUSTRY EXPERIENCE

UnifyID, Inc. — Summer 2019
Research Intern

Facebook, Inc. — Summer 2018
Software Engineering Intern, Project LightSpeed

Facebook, Inc. — Summer 2017
Software Engineering Intern, Messenger Groups

Facebook, Inc. — Summer 2016
Facebook University for Engineering Intern

TEACHING EXPERIENCE

CMSC436: Programming Handheld Systems — Fall 2019
Teaching Assistant, University of Maryland

CS81: Computability and Logic — Spring 2019
Teaching Assistant, Harvey Mudd College

MATH187: Operations Research — Spring 2019
Grader, Harvey Mudd College

HONORS AND AWARDS	CRA-WP Grad Cohort for URMD	2020
	UMD International Conference Student Support Award	2020
	UMD Dean's Fellowship Program	2019 - 2020
	ARCS Scholarship, Los Angeles Chapter	2016 - 2019
	Students Rising Above Scholarship	2015 - 2019

PUBLICATIONS

Sandoval Segura, Lauw, Bashir, Shah, Sehra, Macias, Montañez. "The Labeling Distribution Matrix (LDM): A Tool for Estimating Machine Learning Algorithm Capacity". *12th International Conference on Agents and Artificial Intelligence (ICAART 2020)*, 2020. arXiv:1912.10597

Drissi, **Sandoval**, Ojha, Medero. "Harvey Mudd College at SemEval-2019 Task 4: The Clint-Buchanan Hyperpartisan News Detector". In *Proceedings of The 13th International Workshop on Semantic Evaluation (SemEval)*, 2019. arXiv:1905.01962

Drissi, Watkins, Khant, Ojha, **Sandoval**, Segev, Weiner, Keller. "Programming Language Translation using a Grammar-Driven Tree-to-Tree Model". *ICML Workshop on Neural Abstract Machines and Program Induction v2 (NAMPI)*, 2018. arXiv:1807.01784

LEADERSHIP AND OUTREACH	CS Department M.S. and Ph.D. Admissions Committee	Spring 2020
	UMD Graduate Student Government Representative	Fall 2019
	JumpStart Computing Workshop, Iribe Initiative for Inclusion & Diversity in Computing	Fall 2019

PERSONAL INFORMATION	Citizenship: United States
	Language: English, Spanish