

Julio Martinez

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interests: AI, cognitive and neural systems, embodied intelligence, theory of mind, intuitive physics, probabilistic programs

EDUCATION

2016 – 2018

Stanford University, MS in Computational and Mathematical Engineering

2011 – 2016

University of California San Diego, BS (Double Major) in Mathematics and Engineering Sciences

AWARDS

2021

Inaugural HAI (Institute for Human-Centered Artificial Intelligence) Graduate Fellowship

2021

Stanford Enhancing Diversity in Graduate Education Doctoral Fellowship

2016

National GEM Consortium Fellowship, Sponsored by Adobe

2017

1st Place Technical Presentation, National GEM Consortium

2015

Travel Scholarship, Emerging Researchers National Conference

2015

Outstanding Research Scholar, UC San Diego Faculty Club

2014

Summer CAMP Research Grant, National Science Foundation

EXPERIENCE

june 2019 – present

Technical Associate–Kanwisher Lab, Center for Brains Minds & Machines, MIT

jan 2019 – june 2019

Machine Learning Intern–Platform Architecture, Apple

june 2018 – sep 2018

Machine Learning Intern–Platform Architecture, Apple

june 2017 – sep 2017

Research Intern–Adobe Research, Adobe

june 2016 – sep 2016

Research Intern–Adobe Research, Adobe

june 2015 – june 2016

Undergraduate Researcher–Multiagent Robotics Lab, UC San Diego

june 2014 – sep 2014

Undergraduate Researcher–Computational Mechanics Lab, UC San Diego

SKILLS

programming

Languages: Python, Julia, Swift, Matlab, R, C++

Libraries: Python, TensorFlow, PyTorch, POMDPs.jl, GEN.jl

Environments: Linux/Unix, OSX, Windows

Tools: SLURM, Singularity Containers, GCP, AWS, Unity, ThreeDWorld

languages

English (fluent), Spanish (fluent)

Extended CV available upon request.