



David Figueroa

Graduate Research Assistant at Osaka University
Ishiguro Lab

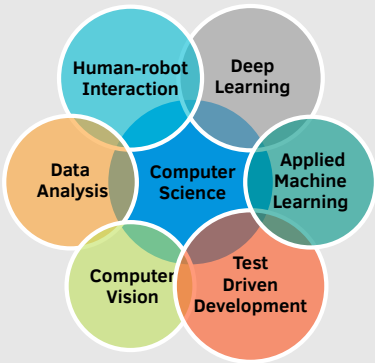
 +81 70 4005 733

 dargor16@hotmail.com

 david-figueroa-salvador

 DargorAbraxas

Interests



Programming Skills

• Python • TypeScript

• Java • Haskell

• SQL • MongoDB • R • C++ • Ruby

Languages

• Spanish

• English

• Japanese

Education

2020 Oct 2023 Sep	Ph.D. Systems Science and Applied Informatics	Osaka University
	• Intelligent Robotics group	
2018 Oct 2020 Sep	M.S. Systems Science and Applied Informatics	Osaka University
	• Intelligent Robotics group	
2010 Sep 2015 Aug	B.Eng Electronic Engineering	San Francisco de Quito University
	• Specialization in automation	

Experience

2020 Oct Present	Graduate Research Assistant	Ishiguro Lab.
	• Ph.D. student	
	• Worked in projects applying machine learning in real-life scenarios (computer vision/multimodal algorithms)	
	• Experience in data gathering	
	• Experience in data structuring	
	• Deep learning systems designed & deployed	
Mar 2017 Aug 2018	Software Developer	Stack Builders Inc.
	• Worked on different projects using full stack technologies supporting established companies and startups develop their technological need, including a startup reaching Series B funding	
	• Experience in functional programming with strongly typed languages like Haskell and TypeScript	
	• Focus on unit and integration testing using Test-Driven Development methodologies	
	• Experience in Continuous Integration & Continuous Delivery	
	• Experience in version control systems (Git)	
	• Knowledge in Agile methodologies	
	• Candid communication working alongside in-office and remote teammates	

Accomplishments

2020 Oct 2023 Sep	Monbukagakusho Scholarship	
	• Japanese government scholarship for foreign students in higher education institutions	
	• Awarded to study the Ph.D. program	
2018 Oct 2020 Sep	Monbukagakusho Scholarship	
	• Japanese government scholarship for foreign students in higher education institutions	
	• Awarded to study the master's program	

Publications

2023 Feb	Recognition of hand disinfection by an alcohol-containing gel using 2D imaging in a clinical setting [Link]
2023 Jan	Improving voice detection in real life scenarios: differentiating television and human speech at older adults' houses [Link]