JACOB M. DELGADO-LÓPEZ

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INTERESTS

I am interested in the areas related to computer science because these areas drive the technological revolution we are experiencing today. Our present-day ability to manufacture computerized systems that perform complex, repetitive, and novel processes is direct evidence of the importance of computer science.

Topics of particular interest to me include software engineering, machine learning, artificial intelligence, and robotics, among others.

EDUCATION

AUGUST 2019-PRESENT
UNIVERSITY OF PUERTO RICO, MAYAGUEZ, PR

BACHELOR'S DEGREE (B.S.), COMPUTER SCIENCE AND ENGINEERING
THE NATIONAL SOCIETY OF LEADERSHIP AND SUCCESS (2020-PRESENT)
THE NATIONAL SOCIETY OF COLLEGIATE SCHOLARS (2021-PRESENT)
GOLDEN KEY INTERNATIONAL HONOUR SOCIETY (2021-PRESENT)

Relevant Experience

SUMMER 2019
LINCOLN LABORATORY RADAR INTRODUCTION FOR STUDENT ENGINEERS (LLRISE), MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT), BOSTON, MASSACHUSETTS

Summer workshop teaching students how to build small radar systems.
Residential radar workshop for rising high school seniors.

SUMMER 2020
NSF I-CORPS PUERTO RICO, NATIONAL SCIENCE FOUNDATION (NSF), PUERTO RICO

5-week bootcamp that teaches aspiring entrepreneurs how to establish a science-based business.

SUMMER 2020
CORNELL LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION SUMMER RESEARCH EXPERIENCES FOR UNDERGRADUATES (LSAMP), CORNELL UNIVERSITY, ITHACA, NEW YORK

Development and implementation of a synthesis-aided compiler for digital signal processors.

SUMMER 2021

HARVARD JOHN A. PAULSON SCHOOL OF APPLIED SCIENCES (SEAS) RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU), HARVARD UNIVERSITY, CAMBRIDGE, MASSACHUSETTS

Development of pan sharpening method for hyperspectral Electron Energy Loss Spectroscopy (EELS) data processing.

EXTRACURRICULAR ACTIVITIES

- Calisthenics Training
- Tutoring on topics such as Calculus (I, II, III) and Physics (I, II)