

# Dianamar Valdes

## Computer Science

### Skills

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**Languages:** Java, C++, Python, SQL, HTML5, CSS3, JavaScript, Micro Focus COBOL

**Development environments:** Visual studio, Android Studio, WebStorm, IntelliJ IDEA

**Fully Bilingual:** Spanish/English (Written and Oral)

### Education

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2019 **B.S. Computer Science, Universidad Ana G. Mendez, Cupey, PR**  
GPA: 3.05

**2017-2019 Undergraduate Research Project**

Developed a Sensor Box system that is used to monitor water quality in the Bioluminescent Lagoon at Las Cabezas de San Juan in Fajardo, PR.

**2019 ASLO Conference at San Juan, PR**

**Oral presentation:** Small-Scaled Low-Cost Portable Sensor Platform Geo-located

**2018 SACNAS Conference at San Antonio, TX**

**Poster Presented** Titled: Small-Scaled Low-Cost Portable Sensor Platform Geo-located

**UAGM Computer Science Students Association**

Vice-president (2017-2018)  
Treasurer (2018-2019)

### Experience

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2019 **Internships Website**

*I developed a website to solve the miscommunication between faculty and students in University.*

Technologies: NodeJS, Express, Bcrypt, Handlebars, AWS Server (EC2), HTML5, CSS3, JavaScript.

2019 **Access Control System**

*We decided to develop real-time autonomous access control system that can be easily integrated and installed to any type of entrance.*

Technologies: Arduino, Raspberry Pi, NodeJS, HTML5, CSS3, JS.

2018 **Instructor**

*Robotics Lego Summer Camp (Escuela Pedro Bosch Salgas, Juncos, PR)*

As a teacher I provided a learning and challenging environment for the students. With classes I taught them basic concepts in programming through Scratch, interactive games and day to day challenges.

2017 **Mentor**

*Bootcamp PR-LSAMP (UMET, Cupey, PR)*

As a mentor I helped coordinating the logistics of the event. Guided students to grasp basic concepts of programming and provided challenges to up bring their problem solving skills.

### Personal Info

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**Phone**

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**E-mail**

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**Website**

dianasea.com

### Industry Certifications

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**2019**

IoT Academy from Engine-4 Corp.

**2016**

Microsoft Office Specialist

**Excel, Word, Power Point (2013)**

(verify.certiport.com **h6wY-4TYS, 4rcU-XLKe, wBT4L-22My**)

### Interests

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**Attended Conference:**

2018 Ocean Sciences Conference at Portland, OR

**Attended Events:**

(2017- 2019)

Puerto Rico Professional Association for SQL Server

(2017-2019)

Google Developers Group Meetings