

# Ostavo Palacios

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## Education

**The City College of New York**

Graduated June 2021

Bachelor of Engineering in Computer Engineering

## Skills

**Programming Languages:** HTML/CSS, Javascript, React.js, C++/C, Java, Assembly, SQL, Python, Scratch

**Design Software:** React, Git, NPM, Node.js, Arduino, Jupyter Notebook, Eclipse, MySQL, AWS, Maven

**Languages:** Spanish (Fluent)

## Work Experience

**Lockheed Martin** - Associate Software Engineer, Moorestown, New Jersey

June 2022 - Present

- Investigated multiple proposed revisions (PR) for bugs that were reported by customers or found during maintenance or regression test shots, in both the server (Java) and calculator (C++) components of Mission Planner (MP), which efficiently economized company time and resources.
- Managed my teammate's pull request (PR) as a delegate, by collaborating with PR coordinators from other teams and running smoke tests to ensure no critical defects were introduced by the team.
- Supported multiple teams cross-functionally whenever assistance was asked to expedite an investigation for a critical issue.

**Play Study Win** - After School Teacher, New York, NY

November 2021 - June 2022

- Managed and created engaging lesson plans, and projects relating to computer science and robotics using Legos, MicroBit, and Python to teach and motivate middle school students.
- Managed over 20 students at a time, taught them how to problem solve and fostered their creativity while making computer science more accessible.

**Participating in Literacies and Computer Science** - Intern, New York, NY

November 2019 - August 2021

- Managed the first-ever summer internship program for PiLaCS by co-running weekly meetings, delegated and oversaw work that needed to be finished by the end of the week, and promoted a positive and amicable company culture
- Implemented, designed, and managed PiLaCS's website using Squarespace's advanced HTML features.

## Projects

**Regression** - Regression Lead, Lockheed Martin

June 2024 - Present

- Updated over 20 regression tests related to importing and exporting MP components to verify specifications were up to par across three baselines, identifying two previously hidden bugs and an unimplemented feature.
- Developing over 20 new regression tests for a new functional area, Input Server Logic, based on IBM DOOR's specifications, to test Java server code for implementation and functionality.

**JukeBerry** - React Front End Developer, City College of New York

March 2020 - December 2020

- Designed and deployed a website that creates private music rooms for people to join and make group playlists by studying and using React.js, Spotify's Web API documentation, Bootstrap, and Heroku.
- Collaborated and communicated with two other teammates under a scrum workflow to implement user interface and experience, connect teammates to Rest API, and use Git to update and produce new features promptly.

## Community Outreach

**Pre-College Engineering Day**

January 2020 - March 2021

- Transformed original proposal for a high school-friendly competition between ~250 students by proposing the use of virtual MicroBit and MakeCode, reducing the cost of time and resources for preparation.

**ReactJs Workshop**

July 2020

- Administered a 2-day online workshop for college undergraduates through Zoom that introduced them to HTML/CSS, Javascript, ReactJs, and basic website designs, increasing club activity and membership.

## Affiliations

**IT Director**, Latin American Engineering Students Association (LAESA-SHPE)

September 2019 - June 2021

- Successfully facilitated and managed the website that attracts new members, alumni, and sponsors for our club, while informing and updating current members of events, opportunities, points, and open director positions.
- Produced a chatbot using Slack's Web API in Javascript to provide our active members with relevant information, such as scholarship and volunteering opportunities.