

# Lea Boyadjian

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[Portfolio](#)

[GitHub](#)

[LinkedIn](#)

## EDUCATION

**Rochester Institute of Technology**, Rochester, NY | August 2018 - May 2022

B.S in Web & Mobile Computing

**Concentrations:** Mobile Development, Data Mining, Wearable & Ubiquitous Development, Project Management

**Minor:** Gender Studies | **Honors:** RIT Founders Scholarship, RIT Dean's List

**Bard High School Early College**, Manhattan, NY | 2014 - 2018

A.A in Liberal Arts

## WORK EXPERIENCE

**The Aerospace Corporation**, El Segundo, CA | June 2021 - August 2021

**Software Engineering Intern**

Assisted in deploying C++ code to an Arduino Due to perform scanning motion with embedded measurement trigger. Responsible for writing the serial interface to define motion and execute the motion control code in the Arduino interrupt loop.

**The Aerospace Corporation**, El Segundo, CA | June 2020 - August 2020

**Software Engineering Intern**

Work with Nondestructive Evaluations such as X-Ray Computed Tomography. Develop a fake x-ray detector with python and user interface for that x-ray detector with Tkinter.

## LEADERSHIP EXPERIENCE

**RIT Center for Residence Life**, Rochester, NY | January 2020 - Present

**Resident Advisor**

**RIT Google Dev Student Club**, Rochester, NY | August 2021 - Present

**Technical Director**

## PROJECT

### Whack-A-Mole

Using socket programming and graphical user interface (GUI), this group project recreated the classic game of Whack-a-Mole. *Tech Stack:* Java, JavaFX

### Interactive Hearts

Developed website to create and display interactive hearts that "beat" in sync with a song's rhythm. *Tech Stack:* p5.js, HTML/CSS

### Sleepy Sheeps

iOS app aims to provide an intuitive sleep tracking app to help users achieve their sleep cycle goals with a fun lil game. *Tech Stack:* Swift

### Vaccin8

Created a mass vaccination management that's able to schedule, track and report on mass vaccination. *Tech Stack:* MySQL, Node.js, HTML/CSS/Javascript

## SKILLS

### Languages

Armenian

### Program/Script

Java  
Python  
Javascript  
SQL  
HTML/CSS  
PHP  
Swift  
Kotlin  
Arduino/C++

### Libraries

Tkinter  
JavaFX  
NumPy  
Matplotlib  
JSON  
p5.js

### Dev Software

IntelliJ  
PyCharm  
Brackets  
Visual Studio Code  
Figma

### Cloud/Hosting

AWS  
Docker  
DigitalOcean