

# Lea Boyadjian

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[Portfolio](#)

[GitHub](#)

[LinkedIn](#)

## EDUCATION

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

B.S in Web & Mobile Computing

**Concentrations:** Mobile Applications Development, Data Mining, Wearable & Ubiquitous Development

**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

### DB-LAMM

Created a database to store values and then developed the backend functionality methods as well as implement presentation layer. Tech Stack: SQL, Java

## 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