

# James Armando Bosch

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## EDUCATION

CUNY Lehman College - Bronx, NY

Expected graduation: May 2025

Bachelor of Science in Computer Science

GPA: 3.59 Major GPA: 3.86

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Systems, Full-Stack Web Development

## SKILLS

Languages: Java, JavaScript, HTML/CSS, SQL

Tools & Frameworks: Git, React, Express, Node, PostgreSQL, Tailwind, Postman, Spring Boot, CircleCI, GraphQL, AWS

## EXPERIENCE

Computer Science Tutor - Lehman College

March 2024 - Present

- Provide one-on-one and group tutoring sessions to students in **Java**, **Data Structures and Algorithms**, and **Full Stack development**
- Assist students in understanding core **Java** concepts, such as **object oriented programming**
- Guide students through **Java** projects, such as Minesweeper and Calculator, helping them understand problem-solving strategies and code optimization techniques

Netflix Pathways Bootcamp Extern - Netflix | Remote

May 2023 - Aug. 2023

- 1 of 63 selected out of more than 5000 applicants for a 12-week **Java** engineering bootcamp
- Developed cloud-ready web applications using **Java Spring Boot**, applying **RESTful API** principles, and delivering results within tight deadlines, significantly enhancing my technical proficiency and problem-solving skills
- Successfully implemented a robust **CI/CD** pipeline using **CircleCI**, automating testing processes and effectively minimizing the potential for human error in software development
- Deployed applications via **AWS**, using **Elastic Beanstalk** for web services, and **AWS RDS** to host **MySQL** databases

Full Stack Developer Intern - Workday | Remote

June 2022 - Aug. 2022

- Selected into a cohort of 35 interns out of 1,800 applicants for an intense 10-week **full stack development** internship
- Led and coordinated a team of 4 to plan and develop a 4 week MVP utilizing **HTML/CSS**, **JavaScript**, **PostgreSQL**, **Express.js**, **React.js**, and **Node.js** to build a platform for users to host gaming events and meetups
- Presented Capstone project, GameOn, in person to over 50 Workday and CodePath employees on the effectiveness of incorporating a user friendly website for coordinating online and offline events

## PROJECTS

HT Versus

<https://github.com/Boschio/HT-Versus>

- Developed a 2d fighting game from scratch in **Java**, without using engines or frameworks.
- Project Breakdown - <https://youtu.be/V5e6kB3AVmg>

Blafi Adventure

<https://github.com/Team-BLAFI/BlafiEngine>

- Built using **Java**, we (a team of 5) created a roguelike game, demonstrating robust knowledge of **object-oriented programming**
- Project Breakdown playlist - <https://www.youtube.com/playlist?list=PL2FT0wTSgerJDwbeJbKeMQKII-ZbJACYI>

GameOn

- Collaborated with a team of four to develop a game event organization application within a tight 4-week timeframe, utilizing the **PERN** stack (**PostgreSQL**, **Express.js**, **React.js**, **Node.js**)
- Employed the **Chakra UI** React Library to enhance styling and page responsiveness, contributing to an improved user experience
- Successfully integrated Twitch's IGDB API to provide essential game data for event management

## LEADERSHIP & EXTRACURRICULAR

Chapter Leader - ColorStack | Lehman College

Feb. 2024 - Present

- Coordinated with Google professionals to orchestrate a comprehensive series of events, comprising of a tour of Google's NYC office, a career panel showcasing professionals from diverse backgrounds within Google, and resume review led by experts from Google

President - Computer Science Club | Lehman College

Sept. 2022 - Feb 2024

- Led a team of 5 in the successful planning and execution of diverse events, including soft skill workshops, Whiteboarding events in collaboration with Major League Hacking, and engaging tech talks featuring software experts from Google and Postman.
- Successfully led and organized a highly acclaimed single-day hackathon, the Spring Coding Jam, in collaboration with Postman, attracting over 60 Lehman College students

Event Director - Hostile Takeover Gaming

Jan. 2012 - Dec. 2018