

James Armando Bosch

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EDUCATION

CUNY Lehman College - Bronx, NY

Bachelor of Science in Computer Science

Expected graduation: May 2025

GPA: 3.60 Major GPA: 3.86

SKILLS

Languages: Java, JavaScript, HTML/CSS, SQL, PHP

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

EXPERIENCE

Full-Stack Web Developer - The City College of New York

Aug. 2024 - Present

- Design and develop the Tech Fee Proposal Application as the sole contributor, utilizing **PHP**, **JQuery**, **Bootstrap**, and **SQL Server** to streamline proposal submissions and management
- Integrate multiple libraries, including **Data Tables**, **PHPMailer**, and **SweetAlert2**, to enhance functionality and user 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**, helping improve course grades by an average of 15%
- Mentor students in core **Java** concepts, including **Object-Oriented Programming (OOP)**, guiding them in applying these principles to real-world projects

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 - Aug. 2024

- 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 to organize workshops, whiteboarding events with Major League Hacking, tech talks with Google and Postman, and the single-day Spring Coding Jam hackathon, which attracted 60+ students.