# James Armando Bosch

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## EDUCATION

**CUNY Lehman College -** Bronx, NY                                                                                  Expected graduation: May 2025
**Bachelor of Science in Computer Science**                                                    GPA: 3.55        Major GPA: 3.85
**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=PL2FT0wTSgerJDwbeJbKeMQKlI-ZbJACYl

**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